Oil, Paint and Drug Reporter

THE MARKET AUTHORITY SINCE 1871

CHEMICALS ~ DYESTUFFS ~ DRUGS ~ PAINTS ~ OILS ~ FERTILIZERS

Volume 132 SEPTEMBER 6, 1937 Number 10

Acetic Acid • Charcoal • Creosote Oils • Ethyl Acetate • Ferrous Acetate (Iron Liquor) • Hardwood Pitch • Methanol

CLIFFS DOW CHEMICAL COMPANY
MARQUETTE, MICHIGAN

DEVOTED TO THE EXCLUSIVE PRODUCTION OF WOOD CHEMICALS AND ALLIED PRODUCTS

Branch Sales Offices:
30 Rockefeller Plaza, New York City
Second and Madison Streets, St. Louis
135 South La Salle Street, Chicago

Cliffs Dow

BARIUM SULPHIDE
BARIUM REDUCTION CORPORATION SOUTH CHARLESTON, W. VA.

QUININE
Sulphate and Minor Salts

CINCHONINE CINCHONIDINE QUINIDINE
and their Salts

"MAARSSEN" BRAND
"AMSTERDAM" BRAND

◆ ◆ ◆

CAFFEINE ALKALOID

"SANKA" BRAND

◆ ◆ ◆

DISTRIBUTED BY
R.W. GREEFF & CO., Inc.
10 EAST 40th STREET NEW YORK CITY

WM. S. GRAY & CO.
342 MADISON AVENUE
NEW YORK CITY

RECEIVED SEP 6 1937 LIBRARY

Sodium Silico Fluoride
WAREHOUSE STOCKS

For
CRYSTAL UREA
call du Pont

Du Pont Crystal Urea is superior for its
CRYSTAL
A new and different form reduces tendency to "mat"
COLOR
As white as table salt
AVAILABILITY
Immediate Shipment; Domestic Production

Your request today will promptly bring a free sample, prices, and any particulars you may desire.

DU PONT
E. I. DU PONT DE NEMOURS & CO., INC.
AMMONIA DEPARTMENT, WILMINGTON, DEL.

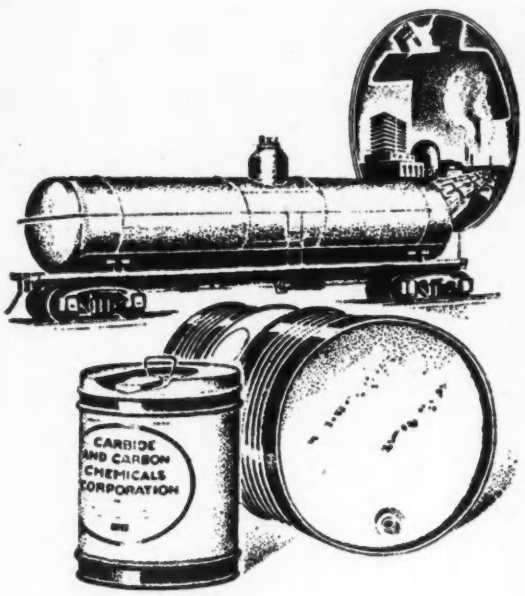
20 MULE TEAM
Guaranteed 99½% to 100% Pure
BORAX
BORIC ACID
Refined and U. S. P.
» Crystal » Granulated » Powdered » Impalpable »
» Calcined Borax Glass » Manganese Borate » Anhydrous Ammonium Borate »
Samples on request
PACIFIC COAST BORAX COMPANY
Dept. Q
51 Madison Avenue, New York
CHICAGO LOS ANGELES

Ethyl Alcohol

·ALL FORMULAS·

ETHYL Alcohol must be of the highest quality to meet the exacting requirements of the perfume, drug and cosmetic industries. For this reason, leading manufacturers in these fields are enthusiastic about the Ethyl Alcohol made by Carbide and Carbon Chemicals Corporation. The high quality and uniformity of this Ethyl Alcohol have led to its being specified in all alcohol-using industries where purity and permanency of odor characteristics are of paramount importance.

Carbide and Carbon Chemicals Corporation will be glad to discuss your particular requirements.



Ethyl Alcohol is available as "Tax Paid" and in all of the specially and completely denatured formulas. A "spirits grade" of Ethyl Alcohol, characterized by exceptional purity, meets all the U. S. P. and government specifications. The proprietary solvent is offered under the trade-mark "Synasol"

CARBIDE AND CARBON CHEMICALS CORPORATION

Unit of Union Carbide and Carbon Corporation

UCC

30 East 42nd Street, New York, N. Y.

PRODUCERS OF SYNTHETIC ORGANIC CHEMICALS

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 132 SEPTEMBER 6, 1937 Number 10

RECEIVED SEP 6 1937 LIBRARY

Fair Trade Procedure Is Adopted

Retail Druggists to Set Up National Board to Pass On Contracts—Manufacturers to Be Assessed

CHICAGO, Aug. 31, 1937.

With a determination to develop a national program that would simplify and coordinate the application, administration, and enforcement of fair trade laws, representatives of thirty-six States in which such laws have been enacted unanimously approved a twelve-point program proposed by the National Association of Retail Druggists at a conference held in the Hotel Sherman yesterday and today.

The chief features of the new program are the creation of a national board of retail druggists to prepare, examine and approve fair trade contracts as to form, with the advice of State fair trade committees, and the recommendation that the activities of State committees be devoted primarily to the investigating and reporting of complaints and violations of fair trade contracts. The National Association of Retail Druggists will absorb the overhead costs of the national board and manufacturers will be asked to pay an annual service charge to the several State fair trade committees for their work.

Purposes of Program

The program adopted by the conference comprises the following statement of purposes in respect of the application, administration and enforcement of State fair trade laws:—

(1) That retailers should refrain from all coercive measures.

(2) That retailers should not dictate or attempt to dictate resale prices.

(3) That the preparation or examination and approval of fair trade contracts should be handled by a national board consisting of representatives of the National Association of Retail Druggists and a representative of the National Association of Chain Drug Stores, who shall advise with the State fair trade committees of each of the fair trade States as to the form of the fair trade contracts.

(4) That appropriate fair trade information and literature should be developed by the national board and distributed in cooperation with the State organizations.

(5) That every effort should be made to induce manufacturers to issue the manufacturer-retailer form of contract in preference to the wholesaler-retailer contract.

(6) That, in order that the national board may have the counsel and advice of the several fair trade States, an advisory fair trade committee consisting of one member from each fair trade State shall be designated in a manner to be determined by each of the several fair trade States.

(7) That the cost to the manufacturer of issuing fair trade contracts and providing for their enforcement should be reduced to the lowest possible amount, and the manufacturer's annual service charge by the respective State fair trade committees shall be on such basis as shall be determined by the national board with the advice and counsel of the advisory fair trade committee.

(8) That it is desirable that actions for violations under the fair trade acts and fair trade contracts be prosecuted by the trademark owner.

(9) That the services of the N.A.R.D. legal department be made available whenever requested to the respective State and local fair trade committees and to their counsel.

(10) That a national advisory council should be established, composed of representatives of manufacturer, wholesaler, and retailer groups and that similar bodies should be established in each fair trade State.

(11) That other trade groups should be invited to elect representatives to the fair trade councils.

(12) That consideration should be given to the selection of outstanding citizens to represent consumers on the advisory councils.

Proposed by Dargavel

The program as adopted was substantially as proposed at the opening of the conference by John W. Dargavel, executive secretary of the National Association of Retail Druggists, and is based on the belief of retail drug leaders that application, administration, and enforcement of fair trade laws must

(Continued on page 36)

Chemical Workers Gain, Payrolls Off

July Employment and Payroll Totals Show Advance Over 1936

Employment in factories engaged in the manufacture of chemicals and related products in the United States recorded a slight increase from June 15 to July 15, 1937, an advance of 0.4 percent being reported by the Bureau of Labor Statistics. At the end of the monthly period employment stood 10.3 percent above the corresponding level for July, 1936. Payroll totals recorded a decline of 0.8 percent in the monthly period and stood 28 percent above the corresponding level for July, 1936.

The Bureau of Labor Statistics' index number for factory employment in the chemical group of industries, July 15, 1937, was 124.4 (100=1923-25 average), compared with 123.9 for June and 112.7 for July, 1936.

The bureau's general index numbers for all manufacturing industries, July 15, 1937, show the following comparisons:—

	July. 1937.	June. 1937.	July. 1936.
Employment	101.7	101.1	91.2
Payrolls	101.2	102.9	80.2

Employment in the chemical group of industries, July 15, 1937, was 22 percent above the general average for all industries, and 36 percent above the general average for July, 1936. Payroll totals were 34 percent above the general average for all industries July 15, 1937, and 69 percent above the general average for July, 1936.

Detailed Comparisons

Details for the several divisions comprised in the calculation of the Bureau of Labor Statistics July 15 index numbers for the chemical group of industries show the following comparisons:—

Employment
(100=1923-25 average)

	July. 1937.	June. 1937.	July. 1936.
Chemicals	139.5	138.5	122.5
Cottonseed oil, cake and meal	42.4	43.9	41.2
Druggists' preparations	105.3	108.8	100.1
Explosives	95.1	94.8	86.2
Fertilizers	69.8	75.7	58.6
Paints and varnishes	136.6	138.9	126.2
Petroleum refining	127.3	126.0	121.5
Rayon and allied products	403.1	391.4	347.3
Soap	102.5	102.5	93.0

Payroll Totals
(100=1923-25 average)

	July. 1937.	June. 1937.	July. 1936.
Chemicals	152.5	153.5	114.9
Cottonseed oil, cake and meal	35.7	38.6	32.9
Druggists' preparations	111.9	121.3	100.8
Explosives	103.4	103.0	84.2
Fertilizers	73.8	79.2	52.4
Paints and varnishes	138.8	142.7	113.8
Petroleum refining	142.7	143.0	114.7
Rayon and allied products	393.7	391.8	287.8
Soap	114.8	115.1	91.7

Data compiled by the Bureau of Labor Statistics for basic non-manufacturing industries related to the chemical industries afforded the following comparisons on the basis of the 1929 average:—

	Employment. July. 1937.	Employment. June. 1937.	Payroll totals. July. 1937.	Payroll totals. June. 1937.
Metalliferous mining	81.2	79.2	77.5	77.0
Quarrying and non-metallic mining	55.5	55.1	51.0	52.1
Crude petroleum producing	80.1	78.5	71.6	69.3
Dyeing and cleaning	85.6	92.2	67.1	78.6

(Continued on page 28)

Salt Manufacturers of Britain Form Federation

British salt manufacturers have formed a federation which will deal with questions of policy in regard to prices, production, imports, and similar matters. At its first meeting, just held, the federation decided that prices of bulk salt should be raised from 5 shillings to 10 shillings per ton according to grade.

The resultant higher prices for unstoned salt now ruling are from 22s. 6d. to 30s. ($5.60 to $7.50) per ton, according to quality. The increase in prices has been made to cover greater costs of raw material, especially coal.

Housing Act Signed

HYDE PARK, N. Y., Sept. 2, 1937

President Roosevelt today signed the Wagner-Steagall low-rent housing and slum clearance act enacted by Congress last session.

Under the provisions of the bill, cities may borrow funds supplied by a $500,000,000 Federal bond issue and receive outright grants from a $25,000,000 appropriation to construct modern sanitary homes for low-income families, on the sites of the present slums. The Housing Authority, set up by the bill, will have an appropriation of $25,000,000 for subsidies for the current fiscal year.

Czech Tariff Bargain Slated for Negotiation

Potash Permanganate, Activated Carbons Among Imports To Be Considered

WASHINGTON, Aug. 31, 1937.

The Department of State today announced its intention to negotiate a reciprocal trade agreement—tariff bargain—with the government of Czechoslovakia.

Interested parties are to submit their views in writing and requests for a hearing to the Committee for Reciprocity Information by October 11, and a hearing has been scheduled for October 25.

The department made public a list of products on which the United States will consider granting concessions to Czechoslovakia in the form of duty reductions or bindings against new duties. Not all the commodities on this list may be included in the agreement, but if additional commodities are considered a supplemental list will be issued.

The list consists mainly of specialized manufactured products; it includes decolorizing carbons, permanganate of potash, and lupulin. The listed items particularly of interest to the chemical and related industries are as follows (the parenthetical figures indicate the applicable paragraphs of the tariff act of 1930):—

Bottles, vials, jars, ampuls, covered or uncovered demijohns and carboys, glass (217).

Bottles and jars, glass, for cosmetics (218e).

Bottles, vials, and jars, glass, to be closed with ground glass stoppers (218e).

Buttons of casein or galalith (1510).

Chemical porcelain-ware and stoneware (212).

Decolorizing, deodorizing, or gas-absorbing chars and carbons, whether or not activated, and all activated chars and carbons (69).

Fusible enamel rods and canes, for whatever purpose used (218b).

Glass, cylinder, crown, and sheet (219).

Glass, laminated (218d).

Glass manufactures not specially provided for (230d).

Hops (780).

Hospital utensils (339).

Lupulin (780).

Mineral salts obtained by evaporation from mineral waters (1718).

Potash permanganate (78).

Oil Lease on 320 Acres In Wyoming to Be Offered

The register of the Land Office, Evanston, Wyo., will offer to the qualified bidder of the highest bonus, September 30, at Evanston, an oil and gas lease embracing 320 acres in the Bison Basin field, Wyoming. Copies of the form of the lease to be granted may be obtained from the register, or from the oil and gas supervisor, Geological Survey, Roswell, New Mexico.

N.W.D.A. Has Model Fair Trade Contract

Agreement Form for Wholesale Prices Prepared—Five Suggestions Made

Pursuant to requests from manufacturers of drug products who are associate members of the organization the National Wholesale Druggists Association has had its legal counsel prepare a model draft of a manufacturer-wholesaler contract for use under State fair trade laws. Copies of this model are available at the offices of the association, 330 West Forty-second street, this city.

The association is having prepared a model draft of a wholesaler-retailer omnibus type contract form.

In their contemplation of contractual procedure under fair trade acts, the wholesalers' association suggests that its manufacturer associates give due consideration to the following matters:—

1. We believe that fair trade contracts stipulating resale prices should preferably be between the owner of the trademark or brand, as party of the first part, and the distributor, either the wholesaler or the retailer, as party of the second part.

2. It is believed desirable that the establishment of fair, minimum resale prices by means of fair trade contracts should take place simultaneously with respect to both wholesale and retail prices.

3. Your attention is directed to the fact that many wholesale drug distributors have recently been forced to increase the wages of employees from 28 percent to 40 percent and that these increases are equivalent to an added operating cost of from 2.5 percent to 3.5 percent on total sales. Wholesale drug distributors are now going through a most strenuous period of readjustment of wages with employees, and the indications are that new increases will materially increase wholesalers' costs. These facts mean that wholesale druggists in most cases cannot longer continue to pass on to retailers any proportion of their wholesale discount. It is also a fact that wholesale drug houses in a number of instances, under the increased wages which they have been forced to pay, are operating today in the red.

4. Manufacturers have for many years expressed it as their desire that wholesalers should retain the wholesale discount accorded them. The enactment of the Tydings-Miller law affords the manufacturer an opportunity to enter into agreement with his wholesale distributors that his wishes in this respect may be observed.

5. Your New York office will be glad to confer with manufacturers in order that any contract which may be offered to wholesalers will not involve said wholesalers in violation of the Patman law. Many manufacturers have repeatedly urged and, no doubt, may stipulate in contracts that wholesale druggists allow no discounts when selling, other than the prevailing cash discount. Contracts which stipulate such a procedure, of course, may not involve the question of violation of the Patman law.

Closing Market Developments

London Closing Cable

LONDON, Sept. 3, 1937.

Stocks of shellac in London warehouses on September 1 totaled 145,096 packages, of which 142,842 packages were orange. The total stock on August 1 was 144,157 packages.

Yellow Mercury Oxide Down

Prices on technical yellow oxide of mercury were reduced last Friday to the basis of $1.49 per pound in 50 pound lots. It was a 10c. decline.

Orange Oil Prices Not Protected

Protection against decline in prices on domestic orange oil will end on September 7. This action will bring the sale of the article into line with the general policy, of all essential oil dealers, not write contracts containing protection against a fall in price.

Mandrake Root Up

Quotations for mandrake root were advanced to 16c. per pound on a sudden scarcity.

Tallow Steady

Tallow was quiet late in the week, but offerings were light and the market had a steady tone. The last business reported on spot was at 7½c. per pound for extra delivered.

Straits Tin Higher

Price for Straits tin was fractionally higher at 58½c. per pound. Soda stannate was higher at .37½c. to 40½c. per pound, and tin crystals were listed at 42c. to 42½c. per pound.

Foreign Tariff Notes

Information recently published by the Department of Commerce on foreign tariffs and related trade regulations includes the following data:—

Calcium Stearate:—Palestine has exempted calcium stearate from the payment of import duties.

Carbon Dioxide Gas:—Panama, as a result of petitions by local manufacturers of carbonated beverages, has suspended the import duty of 15 cents per gross kilo on carbon dioxide gas, and restored the duty of 10 percent ad valorem on the product.

Caustic Soda:—Japan has decreased the import duty on caustic soda.

Coal and Shale Oils:—Japan has decreased the import duty on oils manufactured from coal or shale.

Corn Products:—Roumania has prohibited, effective July 22, the exportation of corn and all derived products.

Elastic Rubber:—Italy has reduced, effective until December 31, the duty on non-vulcanized elastic rubber compounded with zinc oxide, or with carbon in proportions not exceeding 25 percent, from 183.50 lire to 15 lire per 100 kilos.

Fuel Oil:—Haiti has exempted bunker C fuel oil from payment of export duty and other customs charges, except wharfage and weighing dues.

Gasoline:—Martinique, by an order of May 27, made the French import duty reductions on gasoline non-applicable in Martinique.

Gasoline:—Panama has reduced the rate of import duty on gasoline from 10 cents to 9 cents per gallon, effective August 1.

Gasoline and Kerosene:—Turkey has reduced, effective June 25, the import duty on gasoline from 13.50 to 6 Turkish pounds per 100 kilos, and on kerosene from 12.60 to 6 Turkish pounds per 100 kilos. The consumption tax on gasoline has been reduced from 4.15 to 2.50 Turkish pounds per 100 kilos.

Glue:—Latvia has reduced the import duty on glue for pasting and strengthening paper from 0.60 to 0.10 lat per net kilogram, effective June 10.

Hog Lard:—Cape Verde has prohibited the importation of hog lard, effective June 12, to protect the domestic product against foreign competition. Shipments embarked on that date will be admitted.

Margarin:—Sweden has increased, effective to October 31, the import duty on margarin from 0.45 crown to 0.55 crown per kilo, and the excise tax from 0.30 crown to 0.40 crown per kilo.

Chemical Prices Are Advanced

Although there were a number of reductions during the period, the advances made in prices of heavy and fine chemicals last week were the heavier, and the general average was again raised. The major effects of the advances were in the divisions of coaltar chemicals and paint, varnish, and lacquer materials.

Business as a whole was relatively quiet because of the month-end and the approaching holiday period. Shipments against contracts were gratifying, and there was some evidence of anticipatory interest with respect to Far Eastern materials, many expecting a curtailment of supplies of derivatives of antimony and tungsten. Demand for benzol continued heavy. Tightness of phenol caused a sharp price advance. Toluol was getting scarcer.

Prices were advanced on phenol, white lead, blue lead, domestic antimony metal, manganese dioxide, sulphate of ammonia (contracts), ephedrine and its salts, emetine-hydrochloride, and salicin. Prices were reduced on quicksilver, technical yellow oxide of mercury, tin crystals, stannate of soda, luminous calcium sulphide, phenobarbital, agar, domestic dried blood, imported bone, fertilizer tankage (Chicago), and bone (Chicago).

The REPORTER'S composite index number of prices for heavy and fine chemicals rose again to 127.4 (100 = average at August 1, 1914). In comparison with average prices in 1926 (as 100), the REPORTER'S index number is now 90.2, compared with 88.7 at this time last year.

Contents of This Issue

News and Statistics

Broken Hill Issues New Stock..... 5
Chilean Nitrate Sales Up 16.7 Percent in 1936-37 55
Commercial Solvents Extends Alcohol Field..... 47
Carbon Monoxide Hazard in Foundries Explained 43
Chemical Workers Gain, Payrolls Off 3
Czech Tariff Bargain Slated for Consideration 3
Cottonseed Statistics: August-July.. 62
Chicago P.V.L.A. Committee Chairmen Named by Solinsky..... 40
Clark Joins Staff of Merck & Co... 54
Eagle-Picher Sued by Indians for $17,000,000 5
Evans-Wallower Plan Approved..... 62
Fair Trade Procedure Is Adopted.. 3
F.W.D.A. Hotel Rates..... 36
Fougera President Is Made Officer of Legion of Honor..... 50
Fitzsimmons Selling for Krebs..... 62
Flavoring Extract Makers to Hold Shipboard Meeting..... 52
Fischbeck Names Davis & Davis.... 52
Housing Act Is Signed..... 3
I.G. Farbenindustrie's Profit Up $38,600,000 35
I.C.I. to Erect Factories in India for Local Market..... 63
Litter to Give Boat Outing..... 36
London Drug and Oil Data..... 63
Lo Bue Joins Turner & Co..... 63
M.M.&R. Introduces 'Orangesol'..... 54
N. W. D. A. Has Model Fair Trade Contract 3
N.P.V.L.A. Convention Reservations at Record..... 36
N. Y. Production Club to Meet..... 40
Oil Stock Sale Fraud Charged Against 21 Men..... 54
Oil Discoveries Start Mild Pennsylvania Boom..... 54
Oil Lease on 320 Acres in Wyoming to Be Offered..... 3
Petroleum Association to Meet September 15 to 17..... 4
Pharmacy in West China..... 4
Paint Chemistry at A. C. S. Meeting. 5
Patman Complaint Hits Bakers, Millers, Grocers..... 5
Paint, Varnish, Lacquer, Fillers Sales: July..... 38
Petroleum Market Status..... 53
Petroleum Production..... 54
Patterson Foundry Host to Cleveland Paint Club..... 40
Rayon Trade Practice Conference to Be Held..... 35
Ralli Brothers, Ltd., Sets Up New York Selling Company..... 40
S. O. Development Co. Appoints..... 54
Salt Manufacturers of Britain Form Federation 3
U. S. Paint Exports to Cuba Increase 54 Percent..... 5
U. S. Wins Elk Hill Suit Point..... 56
U. S. Revenue: July..... 63
Vitamin A by New Process Is Offered 63
World Narcotics Output Drops..... 5
Warner Gets Injunction Against Name 'Agar-Oil'..... 40
Winthrop Chemical Wins in Advertising Contest..... 52

General Features

Advertisers' Index..... 65
Bids Wanted..... 52
Books You Can Use..... —
Chemical Price Trends..... 4
Classified Advertisements..... 64
Closing Market Developments..... 4
Contracts Awarded..... —
Corporation Earnings..... 25
Dividends Declared..... 62
Editorials 26
Foreign Tariff Notes..... 4
Foreign Trade Openings..... 63
Industrial Uses of Chemicals..... 34
Informative Booklets..... 48
Obituaries 63
Prices Current..... 7
Scientific, Professional Services.. 56
Trade News Briefs..... —
What You Can Use..... 50
Where You Can Sell..... 34

Market Reports

Botanical Drugs, Spices, Gums... 49
Coaltar Chemicals..... 32
Drugs and Fine Chemicals..... 45
Dyestuffs and Textile and Leather Chemicals..... 35
Essential Oils and Aromatics..... 51
Fertilizer Materials..... 55
Heavy Chemicals..... 29
Oils, Fats and Waxes..... 41
Paint, Varnish, Lacquer Materials 37
Petroleum Solvents, Lubricants, Fuels 53

Shipping Information

Cargo Ship Arrivals 62
Charters 62
Coastwise Shipments 61
Exports 59
Imports 57
Imports Detained 62

Oil, Paint and Drug Reporter, Volume 132, No. 10, September 6, 1937. Published weekly by Oil, Paint and Drug Publishing Company, Inc., 12 Gold Street, New York. Annual subscription price:—United States, $5; Canada and Newfoundland, $7; other countries, $10. Entered as second-class matter January 15, 1884, at the Post Office at New York, N. Y., under the Act of March 6, 1879.

O. P. & D. R. Forum

Pharmacy in West China

To the Editor,
OIL, PAINT AND DRUG REPORTER:
Sir:—

In order that this statement regarding pharmacy in West China, and the reason for its being presented at the present time may be more clearly understood I beg to offer a brief word of explanation.

I have just recently returned to this country for my third furlough after spending approximately twenty years of exceedingly interesting work in pharmacy in China, most of which was connected with the Department of Pharmacy of the West China Union University, and I wish first of all to convey the cordial greetings of pharmacy in China to all pharmacists and friends of pharmacy in United States and Canada.

The West China Union University, situated in Chengtu, in the far Western Province of Szechwan, is under the joint management of five different missionary societies, representing churches in United States, Canada, and England. The courses taught include arts, science, education, medicine, dentistry, and pharmacy. The department of pharmacy is the most recent addition to the university, having been opened in 1932. It is temporarily housed in one of the medical-dental buildings. It is the only institution teaching pharmacy in a population of over one hundred million people. Thus its opportunities and possibilities of development for real pharmaceutical service is quite unique. Like medicine and dentistry, it promises to become a very popular course, but its development and usefulness are very seriously handicapped because of lack of finances, and particularly because of the lack of a pharmacy building in which to work.

The teaching staff of the department of pharmacy with the cabinet of the university (composed of leading Chinese and Westerners) have given very careful consideration to ways and means of developing the department so that it will be in a position to render the cooperative pharmaceutical service so urgently needed and desired by its allied professions—medicine, dentistry, and nursing—and by the great and needy masses of people of West China. The decision of this group of leaders was that the need of most vital importance is a pharmacy building to adequately accommodate the department in an enlarged program of training of pharmacists for the many and important positions awaiting them.

It was decided that the cooperation of Western pharmacists and pharmaceutical institutions should be solicited in this project. Indeed, it is difficult to see how pharmacy in West China can make further progress without the help of its friends in Western lands. I am requested, therefore, by the Department of Pharmacy of the West China Union University, to present this pharmacy building project to them for their sympathetic consideration and to appeal to them for practical assistance and cooperation toward its realization. It may be here added that the maintenance of this building will be otherwise provided.

This statement is necessarily brief, but I shall be only too glad to explain more fully such further details as may be desired, either by correspondence or by personal visitations when feasible. Please be free, therefore, to write to me at any time. My home address during furlough period is 503 Dufferin avenue, Saskatoon, Canada.

Elmwood, Ont. E. N. MEUSER.
September 1, 1937.

Petroleum Association Convenes Sept. 15 to 17

The thirty-fifth annual meeting of the National Petroleum Association will be held in the Hotel Traymore, Atlantic City, N. J., September 15 to 17 inclusive. The banquet will be held in the same hotel.

The program and entertainment committees expect to have the full agenda for the general and group sessions completed by the end of the week. Because a conference of Governors of all the States is to be held in the Traymore the same week, the members of the association are urged to write promptly to the hotel for reservations.

Eagle-Picher Sued by Indians for $17,000,000

Twenty-three members of the Quapaw Indian Agency, Miami, Okla., filed suit in the United States District Court, Cincinnati, August 30, against the Eagle-Picher Lead Company, seeking $17,121,000 from the company for lead, zinc, and sulphur removed from lands of the Indians between January 1, 1917, and December 31, 1936.

The suit was brought to discover how much lead, zinc, and sulphur the company removed, to require the company to account for their value, and to restrain it from continuing its method of disposing of sulphur removed from the lands, according to M. H. Cooper, public accountant of Washington, who brought the actions.

Cooper charged that the company in 1917 unlawfully negotiated the leases from the Indians, and that, without the leases being approved by the United States Government, entered upon the lands and up to August, 1922, "unlawfully and wrongfully" converted minerals of a value of not less than $6,959,353. He contends that the company agreed to pay a royalty of 5 percent, whereas current royalties at the time were not less than 14 percent. In 1922, Albert B. Fall, then Secretary of the Interior, caused the superintendent of the Indian agency to enter into six new leases, but, Cooper said, the company was not required to account for deposits taken from the lands prior to the new leases. Under the latter the Indians were allowed a royalty of 10 percent, which was held valid in a suit brought by one of the Indians.

It is charged further that the company failed to account for the sulphur removed, and that from lands of various Indians a total of $9,934,041 of sulphur was taken.

And a third charge alleges that an aggregate of $227,698 worth of lead and zinc were mined but not accounted for.

The court was informed that Cooper in 1934 reported the case to the Department of the Interior; that the Department of Justice began prosecutions, but after concluding the suits should be prosecuted privately, withdrew the actions.

Vincent H. Beckman, general counsel of the Eagle-Picher Company, said that suits involving the same issues were filed originally in Kansas City, Mo., in 1933, and, after a hearing in Washington at which all interested parties were represented, were dismissed without prejudice on motion of the Attorney General of the United States. It should be noted, he said, that the present actions were not brought by legal representatives of the government.

With respect to the alleged invalidity of one of the leases, Mr. Beckman stated that it is a matter of record in the Department of the Interior that the company mined this land for the years in question under a valid lease, with the full knowledge and consent of the department. It is also noteworthy, he said, that the lease under which this mining was done expired more than fifteen years ago, and that no claim or demand of any kind was made thereunder until the filing of the original suit in 1933. Mr. Beckman added that the company has accounted to the Department of the Interior, strictly in accordance with the terms of its leases, for all ores mined and sold from the properties of Indian wards for more than twenty years, or ever since the department assumed jurisdiction of the estates of the plaintiffs. The company books have been audited annually by independent public accountants approved by the Secretary of the Interior and no exception has been taken to the audits. The lease contracts in question were granted for lead and zinc mining purposes and provided for a royalty upon all ores mined and sold from the lands. The Eagle-Picher Company, Mr. Beckman stated, has never mined, processed, or sold a pound of sulphur from the allotments of the plaintiffs and has made complete settlement for ores mined in strict conformance with the terms of the lease.

Broken Hill Issues New Stock

The directors of the Broken Hill Proprietary Company, London, report the issuance of £1,740,000 new £1 par shares at a price of 30 shillings a share.

Paint Chemistry at A.C.S. Meeting

The division of paint and varnish chemistry of the American Chemical Society in sessions September 9 and 10, under the chairmanship of R. H. Kienle and G. M. Kline, at the Rochester meeting of the society, will hear and discuss twenty-one papers. A number of these contributions are abstracted below. Persons interested in these subjects, who are unable to attend the sessions of the division, may be assisted to get further particulars by communicating with the REPORTER.

Chemical Composition of Shellac

By Harold Weinberger, Benjamin B. Schaeffer, and William Howlett Gardner

(Polytechnic Institute of Brooklyn)

Shellac has been fractionationed into several component parts by means of organic solvents. The fractions obtained showed only limited film-forming characteristics in contrast to the original material. It would appear that shellac owes its resinous properties to a solid solution of the several components.

The composition of four of these fractions has been studied in detail. Two of the fractions appear to contain single components, which are introesters of the parent acids found in these fractions. Another fraction is a mixture of introesters, uncombined parent-acids and dyestuff. The remaining fractions were very susceptible to polymerization or aggregation, producing insoluble materials which were difficult to analyze. A yield of 21.9 percent aleuritic acid, 20.8 percent lacolic lactone, 4.3 percent kerrolic acid, 1.9 percent of an isomer of aleuritic acid, and 0.3 percent of a liquid acid constituent were obtained from the sample of resin analyzed. The last four acids were found in shellac for the first time.

Resins from Mannitol and Sorbitol

By R. M. Goepp jr. and K. R. Brown

(Atlas Powder Company)

Technically satisfactory ester gums and alkyds can be made from mannitol and sorbitol by using from 2.25 to 3.0 acid equivalents per molecule of hexahydric alcohol, and by controlling purity of ingredients, heating schedules, agitation and atmosphere.

Ester gums thus prepared at 285-300 deg. C. have acid numbers below 20, standard rosin colors G to H, and softening points between 120 deg. and 124 deg. C. (ring and ball), with properties intermediate between glycerin ester gums and modified phenolic types.

Air-drying alkyds from sorbitol, at 200-225 deg. C., when tested in synthetic enamels and baking enamels, compare very favorably with corresponding glycerol resins, and surpass the latter in resistance to cold check, salt spray, humidity, and hydrocarbons.

The saponification of certain sorbitol alkyds or certain ester gums yields qualitatively a tetrahydric monoanhydro sorbitol or sorbitan, $C_6H_8(OH)_4O$, isolated as a mono-m-nitrobenzal derivative, m.p. 194 deg. C., which sorbitan can likewise be isolated in the same way from the monoanhydro sorbitol fraction of b.p. 235-250 deg. C. at 3 mm., made by heating sorbitol with mineral acids.

From the saponification of glycerin ester gums and alkyds or of erythritol alkyds, only the original polyhydric alcohol could be recovered.

The fact of internal etherification therefore explains the qualitative and quantitative differences between hexahydric and lower polyhydric alcohols in the formation of resinous esters.

Some Higher Alkyl Methacrylates

By H. F. Meindl

(Ammonia Department, E. I. duPont de Nemours & Co.)

Polymeric methyl, ethyl, propyl, butyl, and isobutyl esters of methacrylic acid are clear, transparent, water-white resins which have proved to be of commercial interest and are now being produced commercially. The history of the synthesis and polymerization of the alkyl esters of methacrylic acid and more particularly the methyl ester has been previously reviewed, in Ind. Eng. Chem. 28, 1160 (1936). This paper reviews some of the properties and applications of the ethyl, propyl, butyl, and isobutyl esters of methacrylic acid.

The monomeric higher alkyl methacrylates are quite similar to the water-white, mobile, monomeric methyl methacrylate.

The polymeric higher alkyl methacrylates are in certain respects quite similar to the polymeric methyl methacrylate in that they are water white, transparent, thermoplastic resins. However, the softening temperatures, flexibility, toughness, compatibility with plasticizers and resins, film-forming and adhesive properties, and solubility change radically as the molecular weight of the alcohol of the methacrylic acid ester is increased.

(Continued on page 28)

Narcotics Output of World Drops

League of Nations Finds Decreases of 38 to 82% From 1929 to 1935—Excess Minimized

(Continued from August 30 issue)

Acetic Anhydride Check Dropped

A proposal of several years ago for international exchange of import and export statistics on acetic acid anhydride was abandoned by the advisory committee on the ground that results were not commensurate with the trouble involved. It was agreed that, while this chemical is useful for the manufacture of heroin, it is not indispensable for this purpose and that it has a great many other legitimate purposes. The committee warned, however, that countries suspecting the illicit manufacture of heroin should keep a close check on imports and sales of acetic anhydride.

Continued study was recommended of the proposal that statistics of imports of caffeine be furnished by countries in which heroin pills are manufactured or seized because of the fact that caffeine is commonly used as an ingredient of heroin pills. It was reported that in 1935, 26 tons of caffeine were imported into China, a large portion of which was believed to have been used in making heroin pills.

Desomorphine Ban Planned

The Health Committee of the League of Nations, on recommendation of the Opium Advisory Committee, has undertaken a study looking to a recommendation that all nations prohibit entirely the manufacture, sale, and distribution of desomorphine. This recommendation was made after a report from the American representative that the National Research Council in the United States had determined that dihydrode soxymorphine-D was a habit-forming drug. The Swiss representatve reported that a Swiss firm is now manufacturing a drug of apparently similar composition which apparently has little or no addictive properties, and the Health Committee was asked to include this preparation in its study.

During discussion of substitutes for narcotics, the Polish representative reported that a cancer hospital in Vilno is treating cancer with injections of cepthaline with such success that no morphine is used in the hospital.

A list of substances and preparations coming under the various narcotic treaties was approved, and the league was requested to print it for general distribution.

There was considerable discussion of a proposal for minimum laws for the regulation of pharmacies dispensing narcotics, and a set of rules was approved for recommendation to the various governments. In this connection the American representative submitted a report on the operation of Federal revenue and State narcotics laws in their application to pharmacies and the forgery of narcotics prescriptions, and concluded that no further regulations are necessary in this country. He recommended against the use of special forms and special paper for narcotics prescriptions and against the requirement that such prescriptions be issued in duplicate and a copy filed with an enforcement officer, saying that such systems were used in the United States for liquor prescriptions for a period during the prohibition era, but had proved unsatisfactory.

Opium from Poppy Straw

Poppy straw will probably be used increasingly as a raw material for the manufacture of morphine and its derivatives, the committee concluded. More than half a ton of morphine was extracted from the dried poppy plant

(Continued on page 47)

Patman Complaint Hits Bakers, Millers, Grocers

Groups Accused of Violating Brokerage Section of Patman Act

WASHINGTON, Aug. 31, 1937.

Alleging violation of the brokerage section of the Robinson-Patman Act, the Federal Trade Commission has issued a complaint against approximately seventy wholesale bakery concerns, their trade association and certain of its officers and executive committeemen; a group of flour manufacturers, and a so-called service company, the Quality Bakers of America, Inc., which performs numerous services for the wholesale bakers, including the purchasing of flour and other commodities; and also against the Webb Crawford Company, a wholesale grocery house at Athens, Ga.; three individuals trading as the Daniel Brokerage Company, and a group of firms selling merchandise through the brokerage concern to the Webb company.

In the first group, the respondent trade association is the Quality Bakers of America, this city, where the service company also has its headquarters. All of the association's member wholesalers are not named "because they constitute a group too numerous to be brought before the commission without delay." The wholesalers named and said to be typical of the group are:—The Firch Baking Company, Erie; Dreikorn Bakery, Holyoke, Mass.; Jacob Laub Baking Company, Cleveland; Liberty Baking Company, Pittsburgh; Stroehmann Brothers Company, Harrisburg, and Vermont Baking Company, White River Junction, Vt. The flour manufacturers named are:—The Washburn-Crosby Company, this city; the Pillsbury Flour Mills Company, this city, and the Red Star Milling Company, the Consolidated Flour Mills Company, and the Kansas Milling Company, all of Wichita. Officers of the wholesalers association named are:—C. F. Stroehmann, president; J. P. Duchaine, vice-president; Grover C. Patton, secretary-treasurer, and W. S. Allison, general manager.

The complaint alleges the stock of the service company is held exclusively by members of the wholesalers' association, and that the company, in addition to purchasing supplies for the wholesalers, allegedly performs other services. The company, it is charged, has received and accepted from selling concerns, including the flour manufacturers named, brokerages, commissions, or other compensation and allowances or discounts in lieu of brokerage, on purchases made by it for the various members of the association. The complaint says the company in 1936 received in this manner $181,528. Of these receipts, it is charged, one-half is retained by the company, and the other half is distributed to the individual members.

In the complaint in the second group, Ed. F. Wier, E. L. Wier, and Carter W. Daniel are partners in the Daniel Brokerage Company, and are the individuals named as respondents by the commission. They are also president, vice-president, and secretary-treasurer, respectively, of the Webb Crawford Company, wholly controlling that concern through ownership of approximately 93 percent of its stock. The brokerage concern and the Webb company both have their principal place of business in the same building in Athens.

Through the agency of the Daniel company, the complaint alleges, the Webb company places orders and pur-

(Continued on page 52)

U.S. Paint Exports to Cuba Gain 54 Percent

While Cuba has a well established domestic paint and varnish industry supplying about 60 percent of its local demands, the United States in the first half of 1937 exported $247,000 of such products to that country, a gain of 54 percent over the corresponding period of 1936, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. The United States continues to be Cuba's chief foreign source of supply for paints, varnishes, and lacquers.

Cuba imports the bulk of its pigment and oil requirements from Europe, but American exporters appear to be obtaining a larger share of this business, and during the first half of this year shipped to Cuba pigments valued at $74,000 compared with $55,000 in the corresponding period of last year.

DU PONT
REG. U.S. PAT. OFF.

Chlorinated SOLVENTS

For general industrial use, where non-flammable or moderately flammable solvents are indicated. All are powerful, rapid-penetrating solvents for fats, waxes, oils, and similar organic material; removed readily from extracted residues by simple distillation.

	Boiling Point °F.	Lb. per Gal.
Dichlormethane		
Dichlorethylene—"Di-48"	119.1	10.49
Dichlorethylene—"Di-60"	140.5	10.70
Dichlorethylene—"Di-48-60" (Mixture of Di-48 and Di-60)	119.1	10.61
Chloroform	142.2	12.43
Carbon Tetrachloride	170.1	13.31
Trichlorethylene	188.1	12.20
Trichlorethane (Beta)	236.3	12.04
Tetrachlorethylene (Perchlorethylene)	249.4	13.55
Tetrachlorethane (Acetylene Tetrachloride)	295.3	13.31
Pentachlorethane	323.4	14.00

WRITE FOR LITERATURE GIVING FULL DETAILS

DU PONT

The R. & H. Chemicals Department
E. I. DU PONT DE NEMOURS & CO., INC.
Wilmington, Delaware

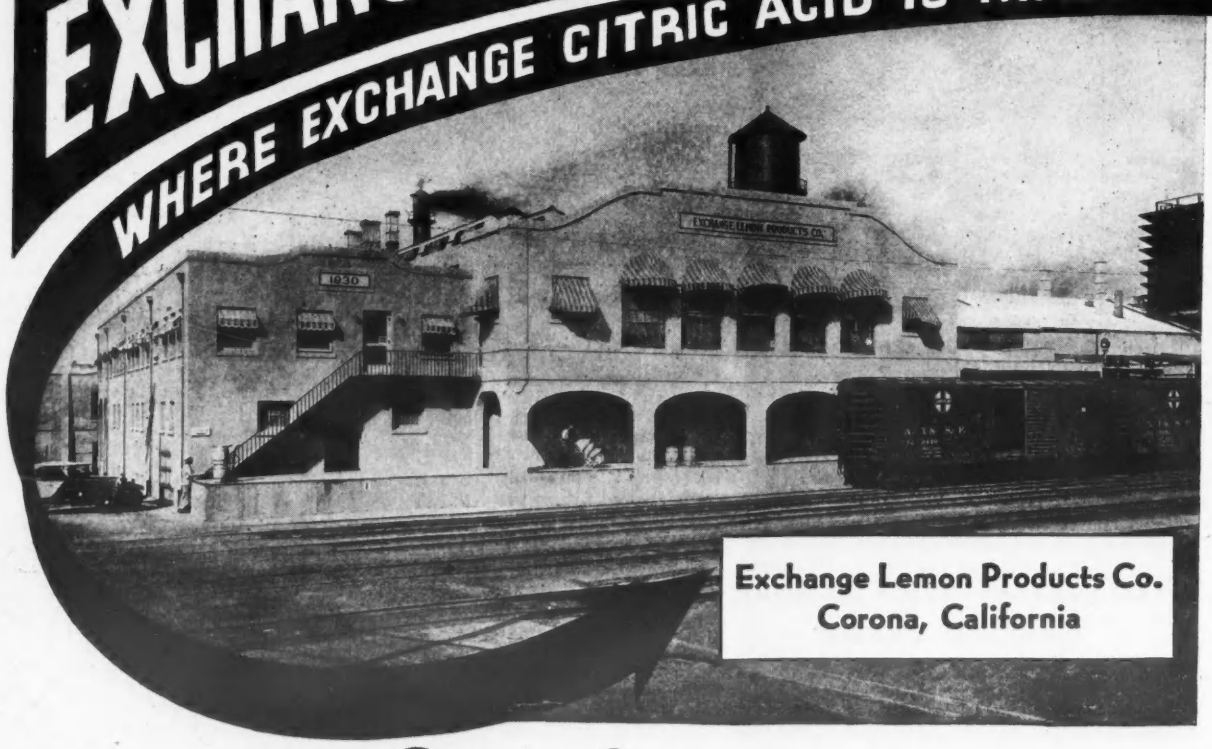
District Sales Offices: Baltimore, Boston, Charlotte, Chicago, Cleveland, Kansas City, Newark, New York, Philadelphia, Pittsburgh, San Francisco

U·S·P·
GLYCERINE
TARTARIC ACID
CREAM OF TARTAR
CITRIC ACID
ROCHELLE SALTS

THE HARSHAW CHEMICAL CO.

Manufacturers, Importers, Merchants
Offices and Laboratories: Cleveland, Ohio
Quality Products Since 1892
New York, Philadelphia, Chicago, Detroit, Pittsburgh, Cincinnati, East Liverpool, Los Angeles, San Francisco
Works at Cleveland and Elyria, Ohio and Philadelphia, Pa.

EXCHANGE CITRIC ACID U.S.P.
WHERE EXCHANGE CITRIC ACID IS MADE



Exchange Lemon Products Co.
Corona, California

EXCHANGE Citric Acid U.S.P. is made by the Exchange Lemon Products Company of Corona, Calif. Backed by the Sunkist group of 13,500 citrus growers—largest in the world. Immediate shipments from warehouse stocks in New York, Chicago and Philadelphia. For prices on kegs, barrels or carloads, write nearest office.

Products Department
CALIFORNIA FRUIT GROWERS EXCHANGE
ONTARIO, CALIFORNIA
189 W. Madison Street, Chicago, Illinois
99 Hudson Street, New York, N.Y.

Exchange
CITRIC ACID U. S. P.

Current Market Quotations

All matter under this heading fully protected by copyright

When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works.....lb. .75 - 1.00
Acetaldehyde, dms., c.l., works.lb. .14 - —
l.c.l., works.....lb. .16 - —
Acetamide, CP, bots., kegs, c.l., works..lb. .35 - —
l.c.l., 1,000 lbs., works...lb. .43 - —
smaller lots, works.....lb. .48 - 1.00
tech., kegs, c.l., works.....lb. .32 - —
l.c.l., 1,000 lbs., works...lb. .38 - —
smaller lots, works.....lb. .43 - .75
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls., 1,000 lbs.....lb. .25 - —
smaller lots.....lb. .26 - —
kegs, 1,000 lbs.....lb. .26 - —
smaller lots.....lb. .27 - —
Acetin, tech., dms.....lb. .33 - —
Acetoacetanilide, dms.....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .06 - —
l.c.l., dlvd.....lb. .06½- —
tanks, dlvd.....lb. .05 - —
Methyl (see M)
Acetophenone, bots.....lb. 1.30 - 1.45
cns., 25 lbs.....lb. 1.15 - 1.25
dms., 100 lbs.....lb. 1.05 - —
Acetphenetidin, bbls., kegs, 1,000 lbs..lb. 1.30 - —
single pkg.....lb. 1.35 - —
smaller pkgs.....lb. 1.32 - 1.40
Acid, abietic, bbls., c.l.....lb. .09¾- —
l.c.l. .....lb. .10 - —
Acetic, comi. or redist., 28%, bbls..100 lbs. 2.53 - 2.78
cbys. .....100 lbs. 3.03 - 3.28
56%, bbls.....100 lbs. 4.75 - 5.00
cbys. .....100 lbs. 5.25 - 5.50
70%, bbls.....100 lbs. 5.92 - 6.17
cbys. .....100 lbs. 6.40 - 6.65
80%, bbls.....100 lbs. 6.74 - 6.99
cbys. .....100 lbs. 7.24 - 7.49
glacial, nat., CP., cbys.100 lbs.14.00 - —
99.5%, nat., bbls., c.l., 100 lbs. 8.70 - 8.95
cbys. .....100 lbs. 9.20 - 9.45
syn., al. dms., c.l.100 lbs. 8.70 - 8.95
cbys. .....100 lbs. 9.20 - 9.45
USP, reagent, 99.8%, al. dms..100 lbs.10.75 -11.00
cbys. .....100 lbs.13.75 -14.00
pure, 80%, bbls., c.l..100 lbs. 3.60 - 3.85
cbys. .....100 lbs. 4.10 - 4.35
36%, bbls., c.l.....100 lbs. 4.05 - 4.25
cbys. .....100 lbs. 4.55 - 4.80
60%, bbls., c.l.....100 lbs. 6.79 - 7.04
cbys. .....100 lbs. 7.29 - 7.54
80%, bbls., c.l.....100 lbs. 8.53 - 9.08
cbys. .....100 lbs. 9.03 - 9.28

Acetic acid prices above apply delv'd at destination in the following States: Conn., Dela., D. of C., Md., Mass, N. J., N. Y., N. and S. Car., R. I., Penna., and Va. For all other States, except Wash., Ore., and Calif., prices are f.o.b. works, frt. equalized.

Acetic, anhydride, dms., c.l..lb. .13 - —
l.c.l., dms.,.cbys.....lb. .14 - .15
Acetylsalicylic, USP, bbls., 225 lbs..lb. .50 - —
boxes, 25 lbs.....lb. .51 - —
kegs, 100 lbs.....lb. .50 - —
Anthranilic, refd., bbls.....lb. .85 - .90
tech.. bbls.....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Battery, cbys, c.l., E. works 100 lbs. 1.60 - —
l.c.l., 25 or more, E. works, 100 lbs. 1.85 - —
10-24, E. works.....100 lbs. 1.95 - —
1-9, E. works.....100 lbs. 2.55 - —
Benzoic, tech., bbls., 4,000 lbs. or more..lb. .43 - —
1,000 to 3,900 lbs.....lb. .44 - —
900 lbs. or less.....lb. .47 - —
USP, bbls., 4,000 lbs. or more lb. .54 - —
1,000 to 3,900 lbs.....lb. .55 - —
900 lbs. or less.....lb. .58 - .59
dms., 4,000 lbs. or more..lb. .55 - .56
1,000 to 3,900 lbs.....lb. .56 - .57
900 lbs. or less.....lb. .59 - .60
Boric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd.....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton. 95.00 - —
c.l., delvd.....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd.....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd.....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP, $25 per ton higher.
Broenner's, bbls.....lb. 1.11 - —
Butyric, 99%, dms., c.l., S. Charleston, W. Va..lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans.....lb. 5.50 - 5.70
Capric, dms.....lb. .19½- .20
Caproic, cans.....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .16 - .16½
Chlorosulphonic, dms., c.l., works..lb. .0350- —
5-drum lots, works.....lb. .04 - —
single drum.....lb. .05 - —
tanks, works.....lb. .03 - —
Chromic, 99%, dms., delvd. N.Y. lb. .1475- .1675
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls.....lb. .25 - —
kegs .....lb. .25½- —
gran., bbls.....lb. .25 - —
kegs .....lb. .25½- —
powd., bbls.....lb. .25½- —
anhyd., gran., dms.....lb. .27½- —
powd., dms.....lb. .28 - —

Prices on citric acid are f.o.b. N. Y., Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls.....lb. .50 - —
Cottonseed oil, dms.....lb. .09½- .10¾
Cresylic, high-boil, dms., c.l., works, frt. equaled..gal. .89 - —
l.c.l., same basis....gal. .91 - —
Acid, cresylic, low-boil, dms., c.l., works, frt. equaled..gal. .92 - —
l.c.l., same basis....gal. .94 - —
imported pale, 97-99, dms..gal. 1.00 Nom.
special resin grade, dms., c.l., works..lb. .10¾- —
l.c.l., same basis.....lb. .11¼- —
Crotonic, dms., works.....lb. .75 - 1.00
Diethylbarbituric (see Barbital).
Formic, dom., seaboard, 90% cbys., f.o.b. stock points, c.l. .....lb. .11 - —
l.c.l., 25 and over.....lb. .1150- —
1-24 .....lb. .12 - —
inland territory, cbys., c.l.lb. .1185- —
l.c.l., 25 and over.....lb. .1235- —
1-24 .....lb. .1285- —
southern territory, cbys., c.l. lb. .1220- .1290
l.c.l., 25 and over.....lb. .1270- .1340
1-24 .....lb. .1320- .1390
Fumaric, bbls.....lb. .60 - —
Gallic, tech., bbls.....lb. .65 - .68
N.F., VI, bbls.....lb. .77 - .80
Gamma, bbls.....lb. .85 - —
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls.....lb. .50 - .55
Hempseed oil, dms.....lb. .1180- .1225
Hydriodic, 47%, bots.....lb. 2.20 - 2.25
57%, bots.....lb. 2.65 - 2.70
Hydrobromic, 10% dilut., USP, lb. .20 - .21
pure, 34% conct, cbys.....lb. .42 - .44
Hydrochloric (see Muriatic).
Hydrocyanic, cyls, works...lb. .80 - 1.00
Hydrofluoric, 30%, bbls.....lb. .07 - .0750
lead, cbys.....lb. .09 - .0950
48%, lead cbys.....lb. .1150- .12
52%, lead cbys.....lb. .1250- .13
60%, lead cbys.....lb. .15 - .1550
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .15
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Lactic, tech., dark, 22%, bbls., c.l., works..100 lbs. 2.50 - —
l.c.l., bbls., works..100 lbs. 2.75 - —
cbys., works....100 lbs. 3.75 - —
44%, bbls., c.l., works. 100 lbs. 5.50 - —
l.c.l., bbls., works..100 lbs. 5.75 - —
cbys., works....100 lbs. 6.75 - —
light, 22%, bbls., c.l., works. 100 lbs. 3.50 - —
l.c.l., bbls., works..100 lbs. 3.75 - —
cbys., works....100 lbs. 4.75 - —
44%, bbls., c.l., works. 100 lbs. 6.50 - —
l.c.l., bbls., works..100 lbs. 6.75 - —
cbys., works....100 lbs. 7.75 - —
50%, edible, 20 and over, bbls., cbys..lb. .10½- .11½
plastic grade.....lb. .12¼- .13¼
5 to 19, edible, bbls., cbys., lb. .11 - .12
plastic grade.....lb. .12¾- .13¾
1 to 4, edible, bbls., cbys., lb. .11½- .12½
plastic grade.....lb. .13¼- .14¼
80%, 5 and over, bbls., cbys..lb. .21 - .22
1 to 4 bbls., cbys.....lb. .21½- .22¼
USP, X, 85%, cbys.....lb. .42 - .45
USP, VIII, 75%, cbys.....lb. .40 - .43
Laurent's, bbls.....lb. .45 - —
Linseed oil, dark or light, dms..lb. .1310- .1350
tanks .....lb. .1250- —
extra white, dms.....lb. .1125- .1175
split, dms.....lb. .0950- .1060
Maleic powd., dms.....lb. .30 - .40
anhydride, dms.....lb. .33 - .43
Malic powd., kegs.....lb. .45 - .60
Mandelic, bots.....lb. 2.30 - —
fib. dms.....lb. 2.05 - 2.20
Mixed, tanks, nitric unit....lb. .06½- .07⅛
sulphuric unit .....lb. .0085- .009
Monochloroacetic, tech., bbls.lb. .16 - .17
99%, bbls. .....lb. .18 - .19
Monosulphonic, bbls. .....lb. 1.50 - 1.60
Muriatic, 18°, cbys., c.l., E. works..100 lbs. 1.50 - —
l.c.l., 25 and over, E. works..100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, works.....100 lbs. 1.05 - —
20°, cbys., c.l., E. works, 100 lbs. 1.75 - —
l.c.l., 25 and over, works, 100 lbs. 2.00 - —
10 to 24, works..100 lbs. 2.10 - —
1 to 9, works..100 lbs. 2.70 - —
tanks, works.....100 lbs. 1.15 - —
22°, cbys., c.l., E. works, 100 lbs. 2.25 - —
l.c.l., 25 and over, works, 100 lbs. 2.50 - —
10 to 24, works..100 lbs. 2.60 - —
1 to 9, works..100 lbs. 3.20 - —
tanks, works.....100 lbs. 1.65 - —
C.P., U.S.P., dealers, cbys.lb. .06½- —
6-lb. bots.....lb. .18½- —
consumers, cbys.....lb. .08 - —
6-lb. bots.....lb. .20 - —
Myristic, dms.....lb. .14½- .15
white, redist., dms.....lb. .15¾- .16½
Naphthenic, S.V. 120-200, dms., lb. .07 Nom.
210-230, dms.....lb. .09 Nom.
240-280, dms.....lb. .10 Nom.
sludges, dms.....lb. .05 Nom.
Nevile & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys., c.l., E. works, 100 lbs. 5.00 - —
l.c.l., 25 and over, E. works..100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.35 - —
1 to 9, works..100 lbs. 5.95 - —
38°, cbys., c.l., E. works, 100 lbs. 5.50 - —
Western works...100 lbs. 5.75 - —
l.c.l., 25 and over, E. works..100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.85 - —
1 to 9, works..100 lbs. 6.45 - —
40°, cbys., c.l., E. works, 100 lbs. 6.00 - —
l.c.l., 25 and over, E. works 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.35 - —
1 to 9, works..100 lbs. 6.95 - —
42°, cbys., c.l., E. works, 100 lbs. 6.50 - —
Acid, nitric, 42°, cbys., l.c.l., 25 and over works.100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.85 - —
1 to 9, works..100 lbs. 7.45 - —
C.P., U.S.P., dealers, cbys... lb. .11½- —
7-lb. bots.....lb. .22½- —
consumers, cbys.....lb. .13 - —
7-lb. bots.....lb. .24 - —
Oleum (see sulphuric fuming).
Oxalic, dom., bbls., c.l., works, lb. .10¾- —
10,000 lbs., and over....lb. .11 - —
smaller quantities.....lb. .12 - .14
Palm oil, dms.....lb. .08¾- .09¼
Phenylacetic, bots. .....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys. .....lb. .09 - —
USP, 85%, s. g. 1,710, cbys., 70 lbs..lb. .12 - —
djns., 25 lbs. .....lb. .15 - —
50% s.g., 1347, cbys., 70 lbs., lb. .12 - —
djns., 25 lbs.....lb. .15 - —
10%, dilut., cbys., djns..lb. .07 - .07⅛
Picramic, kgs.....lb. .65 - .70
Picric, bbls. .....lb. .35 - —
Prodigiosic ref., cbys., works..lb. .25 Nom.
dms., works .....lb. .22 Nom.
tech., cbys., works.....lb. .20 Nom.
dms., works .....lb. .16 Nom.
Pyrogallic, tech., lump, powd., bbls..lb. .90 - —
cns .....lb. .95 - —
USP, cryst., cns.....lb. 1.55 - 1.60
resubl., cns. .....lb. 1.90 - 2.00
Pyroligneous, bbls., dlvd. E. gal. .25 - —
Ricinoleic, dms .....lb. .38 - —
tech., bbls.....lb. .13 - —
Salicylic, tech., bbls.....lb. .33 - —
USP, bbls. .....lb. .40 - .45
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works.....lb. .37 - .41
Soybean oil, dist, dms.....lb. .10½- .11½
Stearic, distil., double pressed, bgs., dlvd..lb. .12 - .13
single pressed, bgs., dlvd.lb. .11½- .12½
triple pressed, bgs., dlvd..lb. .14¾- .15¾
saponif., double pressed bgs., dlvd..lb. .12¼- .13¼
triple pressed, bgs., dlvd..lb. .15 - .16
Succinic, bbls. .....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.68
tech., dms., works.....lb. .17 - —
Sulphonaphthenic, dms.....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., E. works...100 lbs. 1.25 - —
l.c.l., 25 and over, works, 100 lbs. 1.50 - —
10 to 24, works..100 lbs. 1.60 - —
1 to 9, works..100 lbs. 2.20 - —
tanks, E. works.....ton.13.00 - —
66°, cbys., c.l., E. works, 100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.75 - —
10 to 24, works..100 lbs. 1.85 - —
1 to 9, works..100 lbs. 2.45 - —
tanks, E. works.....ton.16.50 - —
98%, tanks, works.....ton.17.50 - —
C.P., U.S.P., dealers, cbys.. lb. .06½- —
9-lb. bots.....lb. .16½- —
consumers, cbys.....lb. .08 - —
9-lb. bots.....lb. .18 - —
fuming, 20%, tanks, E. works, ton.18.50 - —
65%, tanks, E. works....ton.36.00 - —
Tannic, tech., bbls.....lb. .26 - .33
USP, fluffy, bbls., 1,000 lbs. lb. .78 - —
smaller lots.....lb. .80 - —
powd., bbls., 1,000 lbs.....lb. .68 - —
smaller lots.....lb. .70 - —
Tartaric USP, dom., cryst gran.. powd., bbls., 10,000 lbs. or more, one shipment..lb. .24¾- —
smaller quantities .....lb. .25¼- —
kgs. .....lb. .25¾- —
Tobias, bbls. .....lb. .65 - —
Trichloroacetic, bots. .....lb. 2.00 - 2.50
Tungstic, CP, kgs.....lb. No prices
tech., kgs. .....lb. No prices
Aconite leaves, bls.....lb. .32 - .33
Root, bls.....lb. .30 - .32
Aconitine, amorph., bots.....oz.17.00 -18.00
vls. .....gr. .06 - .09
cryst., bots.....oz.30.00 - —
vls. .....gr. .09 - .11
Adeps, lanae, anhyd., dms....lb. .17½- .19
hyd., dms.....lb. .16 - .18
Agar, 1, bls.....lb. 1.10 - 1.15
2, bls.....lb. 1.05 - 1.10
3, bls.....lb. .72 - .75
Agaric, white, bls.....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., f.o.b. Chicago, frt. alld..lb. .11 - —
l.c.l., bgs., same basis..lb. .13 - .15
pow'd, grade A, same basis, ton lots..lb. .15 - —
smaller lots, Chicago....lb. .18 - —
light, dom., flake, dms., Chicago..lb. .52 - .60
import, bgs.....lb. .50 - —
Egg, ed., dom., bbls.....lb. 1.05 Nom.
import, cs.....lb. .80 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane dms., c.l. frt. alld..lb. .133 - —
l.c.l., frt. alld.....lb. .143 - —
tanks, frt. alld.....lb. .123 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Benzyl, cans.....lb. .70 - —
drums .....lb. .68 - —
Butyl, normal, dms., c.l., frt. alld..lb. .10 - —
l.c.l., frt. alld.....lb. .10½- —
tanks, frt. alld.....lb. .09 - —
secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .08 - —
l.c.l., same terms.....lb. .08½- —
tanks, same terms.....lb. .07 - —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capryl, pure, dms., works...lb. 2.50 - —
tech., dms., works.....lb. .85 - —
Cetyl, dom., C.P., fiber ctns., 1,000 lbs..lb. 1.50 - —
500 lbs. .....lb. 1.70 - —
100 lbs. .....lb. 1.80 - —
25 lbs. .....lb. 1.90 - —
5 lbs. .....lb. 2.00 - —
coml., dms.....lb. .98 - —
Import, 85%, dms.....100 lbs. .55 - —
5 to 10 lbs.....lb. .75 - —
coml., dms., 350 lbs..... lb. .45 - —

Acacia—Alumina Acetate

Alcohol cinnamic, bots.....lb. 2.00 - 2.50
Denatured, CD11, 12, 13, dms., c.l., works, E. frt. equal.gal. .35 - —
20 dms., East.....gal. .37 - —
1-19 dms., East.....gal. .40 - —
tanks, East.....gal. .29 - —

Prices for territories other than E. of Rockies, 3c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit

SD1, 190 pf., bbls., c.l., E. works..gal. .34 - —
19 bbls., E. works...gal. .36 - —
1 to 18 bbls., E. works, gal. .39 - —
dms., c.l., E. works....gal. .33 - —
19 dms., E. works...gal. .35 - —
1 to 18 dms., E. works, gal. .38 - —
tanks, E. works.....gal. .27 - —

Anhydrous, 5c. per gal. higher.

SD23-G, works, E., dms., c.l., gal. .37½- —
19 dms.....gal .39½- —
1 to 18 dms.....gal. .42½- —
tanks .....gal. .31½- —

Prices for territories other than E. of Rockies, 3c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .34 - —
20 dms., E. works...gal. .36 - —
1 to 19 dms., E. works, gal. .39 - —
tanks, E. works.....gal. .28 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld..lb. .13½- —
l.c.l., frt. alld.....lb. .14 - —
tech., contract, dms., c.l., frt. alld..lb. .12½- —
l.c.l., frt. alld.....lb. .13 - —
Ethyl, 190 pf., ex molasses, bbls. c.l—gal. 4.13 - —
19 bbls.....gal. 4.15 - —
1 to 18 bbls.....gal. 4.19 - —
dms., c.l.....gal. 4.12 - —
19 dms.....gal. 4.14 - —
1 to 18 dms.....gal. 4.17 - —
tanks .....gal. 4.06 - —
absolute, dms., c.l.....gal. 4.42 - —
19 dms.....gal. 4.44 - —
1 to 18 dms.....gal. 4.47 - —

Grain alcohol 45c. per gal. higher.

Furfuryl, tech., cns., works..lb. .45 - —
dms., c.l., 33,000 lbs., works, lb. .30 - —
l.c.l., 500 lbs. and more, works..lb. .35 - —
Hexyl, secondary, dms., c.l., frt. pd. E. of Rocky Mts.lb. .10 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Isoamyl, primary, dms., l.c.l., dlvd. .....lb. .27 - —
cans, works .....lb. .32 - —
Isobutyl, refd., dms., c.l.,works, frt. alld. E. of Rockies.lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08½- —
Isopropyl, denat., grd., dms., c.l., frt., alld..gal. .32 - —
l.c.l., frt., alld.....gal. .33 - —
refd, 91% dms., c.l., f.o.b. dest. .....gal. .39¼- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
98%, dms., c.l., same terms, gal. .44½- —
l.c.l., same terms....gal. .49½- —
tanks, same terms....gal. .39½- —
tech., 91% dms., c.l., same terms..gal. .35 - —
l.c.l., same terms....gal. .40 - —
tanks, same terms....gal. .30 - —
98%, dms., c.l., same terms, gal. .39½- —
l.c.l., same terms....gal. .44½- —
tanks, same terms....gal. .34½- —
Methyl (see Methanol)
Phenylethyl, bots., cns.....lb. 1.50 - 2.50
Propyl (see Isopropyl)
Aldehol, denat.. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works.....lb. .25 - —
Aletris root, bgs.....lb. .40 - .45
Alizarin (see Red, alizarin).
Alkanet root, bgs.....lb. .10 - .11
Aloe, Barbados, true, cs.....lb. .85 - .90
Cape, cs.....lb. .16 - .19
Curacao, cs.....lb. .26 - .27
gourds, bbls.....lb. .50 - .51
Socotrine, kgs.....lb. .32 - .35
Aloin, 140 lb. bbls.....lb. 1.80 - —
25 lb. kgs .....lb. 1.82 - —
100 lb. fib., dms.....lb. 1.80 - —
Alphanaphthol, bbls.....lb. .52 - —
Alphanaphthylamine, bbls.....lb. .32 - —
Althea root, cube cut, bls.....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. kgs..lb. .16 - .18
gran., bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rates, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalization point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works, 100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
lump, bbls., works....100 lbs. 3.50 - 3.75
dlvd. N.Y., Phila...100 lbs. 3.65 - —
powd., bbls., works....100 lbs. 3.65 - 3.90
dlvd. N.Y., Phila...100 lbs. 3.80 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls.....lb. .06½- .06¾
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd.....100 lbs. 4.25 - 5.00
Alumina acetate, C.P. 20% solut., bbls..lb. .09 - .10

Alumina Chlor.—Amyl Acetate

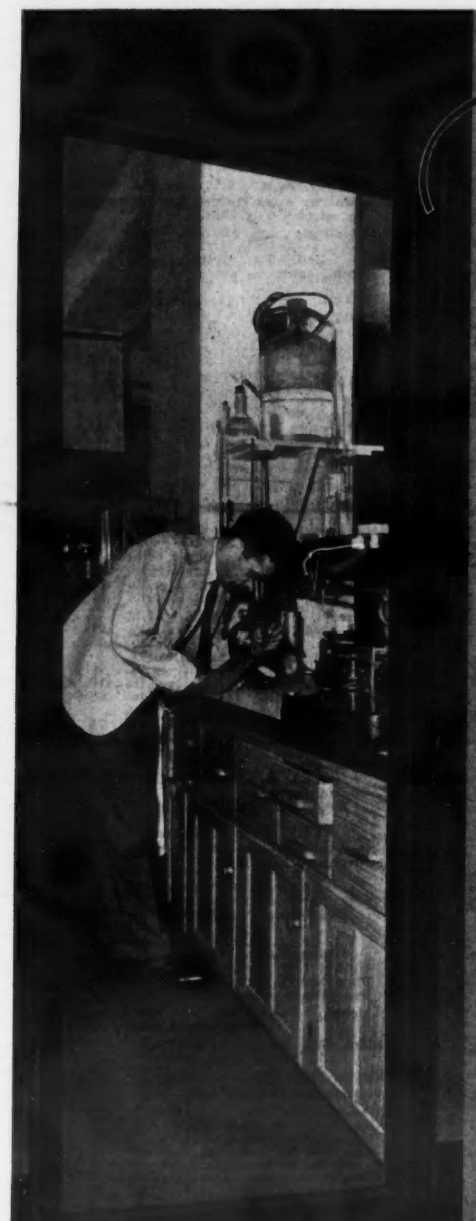
Alumina chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works.lb. .08 - —
100 lbs., or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works..lb. .06 - —
l.c.l., dms., works.....lb. .06½- —
solution, 32 deg., cbys., c.l., works..lb. .02¾- —
l.c.l., cbys., works.....lb. .03¼- —
Hydrate, heavy, bbls., c.l., works..lb. .0200- —
less car lots, works....lb. .03½- —
light, bbls., dlvd.....lb. .12 - —
Oleate, dms., contr.....lb. .16¾- —
open order.....lb. .17½- .18½
Palmitate, precip., bbls.....lb. .23 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton.....lb. .20 - —
less than ton.....lb. .21 - —
Sulphate, com'l bgs., c.l., works, frt. equaled..100 lbs. 1.35 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works.....100 lbs. 2.25 - 2.40
Alumina, sulphate, iron-free, truckloads, bgs.....100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.30 - —
bbls., c.l., works.....100 lbs. 2.20 - —
l.c.l., works.....100 lbs. 2.45 - —
truckloads, dlvd., met. N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
5 to 9, dlvd., met. N.Y. 100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms., c.l...lb. .20 - —
l.c.l. .....lb. .21 - —
paste, extra fine lining, dms., 30,000 lbs., frt. alld. E. of Miss..lb. .63½- —
5,000 lbs., same basis..lb. .64½- —
2,000 lbs., single shipt., same basis..lb. .65 - —
On 2,000-lb. orders in split shipment the price is ½c. higher in lots of 400 lbs. and more; 1c. higher in lots of 200-399 lbs.; 3c. higher in lots of 10-199 lbs.; on smaller orders the price is higher than the 2,000-lb. basis by 1c. in lots of 1,000 lbs. and more; 2c. on 400-999 lbs.; 5c. on 200-399 lbs.; 10c. on 10-199 lbs.
ink, dms., 30,000 lbs., same basis..lb. .78½- —
5,000 lbs., same basis..lb. .74½- —
Aluminum, paste, ink, dms., 2,000 lbs., single shipt., same basis..lb. .75 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
powder, lining, extra fine, dms., 30,000 lbs., same basis..lb. .90½- —
5,000 lbs., same basis..lb. .91 - —
2,000 lbs., single shipt., same basis..lb. .92 - —
split shipts. (see note fine lining paste).
standard, dms., 30,000 lbs., same basis..lb. .55½- —
5,000 lbs., same basis..lb. .56½- —
2,000 lbs., single shipt., same basis..lb. .57 - —
split shipts. (see note fine lining paste).
litho, extra brilliant, dms., 30,000 lbs., same basis, lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste).
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis..lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis.lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)
Aluminum, powd., litho, standard dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis..lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste).
wallpaper, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis..lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
rubber comp., dms., 30,000 lbs., same basis..lb. .38½- —
5,000 lbs., same basis..lb. .39½- —
2,000 lbs., single shipt., same basis..lb. .40 - —
split shipts (see note fine lining paste)
unpolished, dms., 30,000 lbs., same basis..lb. .35½- —
5,000 lbs., same basis..lb. .36½- —
2,000 lbs., single shipt., same basis..lb. .37 - —
split shipts. (see note fine lining paste)
varnish, extra brilliant, dms., 30,000 lbs., same basis..lb. .41½- —
5,000 lbs., same basis.lb. .42½- —
2,000 lbs., single shipt., same basis..lb. .43 - —
split shipts. (see note fine lining paste)
extra fine, dms., 30,000 lbs., same basis..lb. .45½- —
5,000 lbs., same basis.lb. .46½- —
2,000 lbs., single shipt., same basis..lb. .47 - —
split shipt (see note fine lining paste)
standard, dms., 30,000 lbs., same basis..lb. .40½- —
5,000 lbs., same basis.lb. .41½- —
2,000 lbs., single shipt., same basis..lb. .42 - —
split shipts. (see note fine lining paste)
Ambergris, gray, tins.....oz. 17.00 -35.00
Amidopyrene, fib., dms., 100 lbs., lb. 4.00 - —
bots., 5 lbs. .....lb. 4.22 - 4.25
Ammonia, acetate, kgs.....lb. .28 - .33
Aldehyde, dms. .....lb. .65 - .70
Anhydrous, fertilizer, com'l, tanks (50,000 lbs.), works..lb. .04½- —
refrigeration, tanks, works..lb. .05 - —
pure, cyls., dlvd., met. N.Y., lb. .16 - .22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

Aqua, 26°, cbys.....lb. .05¼- —
dms., c.l.....lb. .02¼- —
l.c.l. .....lb. .02½- —
tanks (on NH_3 content), dlvd., E..lb. .05 - .05¼
Benzoate, dms., 4,000 lbs. or more..lb. .41 - .43
1,000 lbs. to 3,900 lbs....lb. .42 - .43
900 lbs. or less.....lb. .45 - .46
kgs., 4,000 lbs. or more...lb. .40 - —
1,000 lbs., to 3,900 lbs...lb. .41 - —
900 lbs. or less.....lb. .44 - —
Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
l.c.l., dlvd., N. Y....100 lbs. 5.71 - —
Bichromate, bbls.....lb. .32 - —
Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - —
bxs. .....lb. .38 - .39
kgs. .....lb. .36 - —
Carbonate, tech., dom., bbls..lb. .08 - .12½
imported, caks. .....lb. .08 - .12½
USP, lump, dms.....lb. .08 - .11
powd., bbls., dms.....lb. .09 - —
Chloride, tech. (see Ammoniac, sal).
USP, gran., bbls.....lb. .11 - .16
kgs. .....lb. .15 - —
Citrate, dms.....lb. .80 - —
cns. .....lb. .85 - —
Flucride, bbls.....lb. .17 - .19
Hydroxide (see Ammonia, aqua).
Hypophosphite, fib., dms....lb. 1.10 - 1.17
jars .....lb. 1.20 - —
Iodide, 5-lb. bots.....lb. 3.32 - —
jars .....lb. 3.25 - —
Laurate, bbls.....lb. .23 - —
Linoleate, 80%, anhyd., bbls.lb. .15 - —
Naphthenate, bbls.....lb. .17 - —
Nitrate, tech., bags, c.l., works. 100 lbs. 3.60 - —
bbls., works.....100 lbs. 3.75 - —
l.c.l., bags, works.....100 lbs. 3.85 - —
bbls., works.....100 lbs. 4.00 - —
Oleate, dms.....lb. .15 - —
Oxalate, neutral, cryst., powd., bbls., kgs..lb. .22½- —
Perchlorate, kgs.....lb. .16 - —
Persulphate, kgs.....lb. .21 - —
Phosphate, dibasic, N.F.V., bls. lb. .37 - —
kgs. .....lb. .39 - —
tech., bbls., c.l..... .07½- —
l.c.l. .....lb. .09 - .10
monobasic, crude (fertilizer grade), 11% N 48% phos., bulk, f.o.b. E. works..unit-ton. 1.20 & .70
pure, bbls.....lb. .40 - .45
tech., bbls., c.l.....lb. .07½- —
l.c.l. .....lb. .09 - .10
Ricinoleate, bbls.....lb. .15 - —
Salicylate, USP, kgs.....lb. 1.15 - 1.20
Sulphate, dom., bulk, c.l., f.o.b. ports or ovens, contr., 6-10 mos., Sept.-Oct., ton. 27.50 - —
Nov.-Dec. .....ton. 28.00 - —
Jan.-June, 1938.....ton. 28.50 - —

Ammonia sulphate contracts any 1-5 mos., through June 1938, $1 per ton additional; spot prices $1 per ton additional. Bag packing charged extra at $1.30 per ton for 200's and $2 per ton for 100's. Deliveries in Ill., Mich., Ind., Ohio, Wis. and Ohio river destinations in Ky. are f.o.b. ovens freight allowed.

Sulphide, liquid, 35-40%, basis 100%, dms., works..lb. .12 - .15
tanks, delvd .....lb. .11 - —
Sulphocyanide, com'l, fib., dms., 2,000 lbs., works..lb. .14 - —
smaller lots, works.....lb. .16 - —
pure, 99-100%, kgs.....lb. .55 - —
Ammoniac, gum (see Gum, ammoniac).
Sal. gray, dom., bbls., c.l., 100 lbs. 5.50 - 5.75
l.c.l. .....100 lbs. 6.00 - .0670
white, gran., dom., bbls., contracts, works.100 lbs. 5.00 - 5.05
import, csks .....100 lbs. 5.00 - 5.05
Amyl acetate, ex fusel oil, dms., c.l., works..lb. .11¼- —
l.c.l., frt., alld..... lb. .12 - —
tanks, works .....lb. .10¼- —
ex pentane, dms., frt. alld..lb. .125 - —
l.c.l., frt., alld.....lb. .135 - —
tanks, frt., alld.....lb. .115 - —



The Door Is OPEN...

Creating new carbon blacks to solve specific problems of manufacturers has been the role of our company for more than half a century. Basically, that is the reason for the long line of nine "blacks for every purpose." Each one represents a satisfactory solution to an individual manufacturing problem. But the end is by no means in sight. New vehicles, new machinery, new methods constantly provide new matters difficult to solve. For all such, the doors to the Binney & Smith Co. Service and Control Department are open. You do not have even to pull a latch-string.

BINNEY & SMITH CO.
Specialists in Carbon Blacks, Bone Blacks and Oxides of Iron
41 East 42nd St. New York
COLUMBIAN CARBON CO.

Amyl acetate, secondary, dms., c.l., frt. pd., E. of Rocky Mts..lb. .09½- —
l.c.l., same terms.....lb. .10 - —
tanks, same terms.....lb. .08¼- —
Alcohol (see Alcohol amyl).
Butyrate, dms., 50 gal., returnable..lb. .75 - —
Caproate, cns.....lb. 2.75 - —
Chloride, normal, dms., works, lb. .56 - —
small lots, works.....lb. .68 - —
mixed, tech., dms., c.l., works..lb. .07 - —
l.c.l., works .....lb. .077 - —
tanks, works.....lb. .06 - —
Cinnamic aldehyde, cns.....lb. 2.00 - 2.25
Nitrite, bots.....lb. 1.80 - 1.85
Mercaptan, dms., l.c.l., works.lb. 1.10 - —
Oleate, dms., l.c.l., works...lb. .25 - —
Salicylate, bots., 5 lbs.....lb. .61 - —
cns., 25 lbs.....lb. .51 - —
Stearate, dms., l.c.l., works.lb. .26 - —
Amylene, dms., c.l., works....lb. .102 - —
l.c.l., works.....lb. .11 - —
tanks, works.....lb. .09 - —
Anethol, bots.....lb. 1.15 - 1.20
Angelica root, dom., bls.....lb. .23 - .25
import, natural, bls.....lb. .25 - .27
twisted, bls.....lb. .30 - .40
Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .15 - .16
tanks .....lb. .14½- —
Salt, dms., works.....lb. .22 - .24
Anise, Spanish, bgs.....lb. .11½- .12
Star, bgs.....lb. .15 - .16
Anisic aldehyde, bots.....lb. 3.00 - 3.10
Annatto paste, bxs.....lb. .34 - .39
Seed, bgs.....lb. .07¾- .08½
Anthraquinone, 99.5%, subl., bbls. lb. .65 - —
Antimony, butter (see Antimony chloride)
Chloride, solut., cbys.....lb. .17 - —
Metal, dom.....lb. .15¾- —
Chinese, duty paid.....lb. .15¾ Nom.
Needle, powd., bbls.....lb. .13 - .15
Oxide, dom., bbls., c.l.....lb. .15½- —
l.c.l. .....lb. .15¾- —
import, bbls. .....lb. .15½- .15¾
Salts, 65%, kgs.....lb. .23¾- .24
White, pigment, bgs., c.l., Texas works, frt. alld. to ½c. lb., lb. .11½- .14¼
Antipyrene, bbls., kgs., ton lots, lb. 2.00 - —
smaller lots.....lb. 2.10 - 2.15
Apomorphine, bots.....oz. 23.20 -23.70
Archil extract, conc., bbls.....lb. .21 - .27
double, bbls.....lb. .18 - .20
triple, bbls.....lb. .18 - .20
Areca nuts, powd., bbls.....lb. .10 - .12
Arecoline hydrobromide, bots., oz. 5.50 - 6.50
Argols, test 70% to 85%, basis 100%, 100 kgm., purity..... 100 kilos. 32.00 -34.00
Arnica flowers, bls.....lb. .27 - .28
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .08¾- .08¾
bbls. .....lb. .08½- .09
Arsenic iodide (arsenous), 5 lb. bots..lb. 5.15 - —
jars .....lb. 5.00 - —
Metal, lump, cs.....lb. .42 - .43
Red, import, cs.....lb. .15¾- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs., c.l.....lb. .03 - —
l.c.l. .....lb. .03¾- —
Arsenous chloride, cns.....lb. 4.85 - —
Asafetida, cs.....lb. .19 - .20
powd., bbls., bxs.....lb. .47 - .48
Asbestine (see Talc, N. Y. fibrous).
Asbestos fiber, 5M, bgs., c.l. (20 tons), Canad. mines..ton.37.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons), Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines—ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N. Y.lb. .08½- —
AA, bgs., 20 tons, f.o.b. N.Y., lb. .08¼- —
smaller lots, f.o.b. N. Y.lb. .10¼- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban A, bgs., c.l., f.o.b. N. Y. ton.60.00 - —
l.c.l., f.o.b. N. Y.....ton.90.00 - —
B, bgs., c.l., f.o.b. N. Y..ton.35.00 - —
l.c.l., f.o.b. N. Y.....ton.55.00 - —
Egyptian, bgs., c.l.,f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b. N. Y.....lb. .15 - —
Gilsonite, brilliant black, bgs., c.l., Western shipt. points, ton.32.00 - —
seconds, bgs., c.l., Western shipt. points .....ton.25.50 - —
selects, bgs., c.l., Western shipt. points..ton.30.50 - —
l.c.l., f.o.b., N. J. or N. Y., whse..ton.49.50 - —
Jet, bgs., c.l., Western shipping points..ton.30.50 - —
Maltha, dms., c.l.,f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery.....ton.21.00 - —
tanks, refinery.....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., E. cst., refinery..gal. .13 - —
dms., c.l., E. cst., refinery, gal. .12 - —
tanks, Calif., refinery....ton.12.50 -14.00
East Coast, refinery...gal. .06 - .06½
Ill., Ind., refinery.....gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery.....gal. .07½- —
Atropine, bots.....oz. 5.25 - 5.80
Sulphate, bots.....oz. 2.90 - 3.55
cns. .....oz. 2.85 - —

B

Balm of Gilead buds, bgs.....lb. .38 - .40
Barberry bark, bgs.....lb. .20 - .22
Tree bark, bls.....lb. .10 - .11
Barbital, cs.....lb. 3.25 - 3.30
Barium carbonate, natural, 90%, grd., bgs., c.l., works, ton.44.00 - —
99%, 200 mesh, bgs., c.l., works..ton.47.00 - —
precip., bgs., c.l., works..ton.52.50 - —
bbls., works .....ton.57.50 - —
l.c.l., bgs., works.....ton.57.50 - —
bbls., works .....ton.62.50 - —
sulphur-free bgs., bbls., c.l., works..ton.57.50 -62.50
Chlorate, kgs. .....lb. .16½- .17½
Barium, chloride, C.P., cryst., bbls..lb. .19 - —
dms .....lb. .20 - —
tech., dom., cryst., bgs., c.l., Zone 1, dlvd. New England States, N. Y., N. J., Pa., Md., Dela., Va., West Va., Ohio, Mich., Ind., Wisc., Ill., Ky. and principal cities on west bank of Miss., north of Ark. line.....ton.72.00 - —
Zone 1, bbls., same basis. ton.74.00 - —
l.c.l., bgs., same basis, ton.85.00 - —
bbls., same basis..ton.87.00 - —
Zone 2, bgs., c.l., dlvd. Tenn., N. - S. Carolina, Ga., Ala., Miss., Fla..ton.76.00 - —
bbls., same basis..ton.78.00 - —
l.c.l., bgs., same basis, ton.89.00 - —
bbls., same basis..ton.91.00 - —
Zone 3, bgs., c.l., dlvd. Minn., Ia., Mo., Col., N. Mex., Idaho, Utah, Ariz., ton.82.00 - —
bbls., same basis..ton.84.00 - —
l.c.l., bgs., same basis, ton.95.00 - —
bbls., same basis..ton.97.00 - —
Zone 4, bgs., c.l., dlvd. Wash., Ore., Calif., Nev..ton.78.00 - —
bbls., same basis..ton.80.00 - —
l.c.l., same basis....ton.91.00 - —
bbls., same basis..ton.93.00 - —
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls. .....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .04¾- .05½
Iodide, bots. .....lb. 4.30 - 4.45
Monoxide (see Oxide).
Nitrate, cks.....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls.....lb. .09½- .10
kgs. .....lb. .12 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston, ton.36.00 - —
Chicago .....ton.31.15 - —
Cleveland .....ton.33.50 - —
New York.....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85- —
l.c.l., ex car, Baltimore, ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
ore, bulk, mines, long ton. 7.00 - —
German, grd., bbls., c.l., dock.. t.a...ton.25.00 -26.00
l.c.l., ex wrhse.....ton.30.00 - —
ungrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a...ton.29.50 Nom.
l.c.l., ex wrhse.....ton.32.50 - —
Bauxite, bulk, mines,.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves)
Bay rum, import, bbls.....gal. .71½ Nom.
Bayberry bark, bgs.....lb. .13 - .16
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .12 - .13
Bentonite, 200 mesh, bgs., Wyo. works..ton.11.00 - —
325 mesh, bgs., Wyo. works, ton.16.00 - —
Benzaldehyde, tech., cbys., dms., lb. .60 - .70
USP, X, dms., 50 to 100 lbs..lb. .85 - —
5 to 25 lbs.....lb. .90 - .95
Benzene (see benzol).
Benzidin base, bbls.....lb. .70 - —
Benzol, 90%, nitration, pure, dms., works..gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. works. sellers'
Benzoyl chloride, dms.....lb. .40 - .47
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.a., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms.lb. .30 - .40
tech., dms.....lb. .25 - .26
Formate, cns.....lb. 2.75 - 3.50
Benzylidineacetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, cns.....lb. 13.00 -13.25
Hydrochloride, cns.....lb. 13.00 -13.25
Sulphate, cns.....lb. 14.75 -15.00
Berberis root, bls.....lb. .13 - .15
Betanaphthol, sublim., bbls....lb. .55 - —
kgs. .....lb. .60 - —
tech., bbls., c.l., works.....lb. .23 - —
l.c.l., bbls., works.....lb. .24 - —
Benzoate, fib. dms.....lb. 2.10 - —
kgs. .....lb. 2.00 - —
Betanaphylamine, tech., kgs..lb. .51 - —
Beth root, bls.....lb. .14 - .15
Bismuth chloride, 5-lb. bots...lb. 3.20 - 3.25
Citrate, USP, VIII, 5-lb. bots., lb. 2.76 - —
jars .....lb. 2.65 - —
Hydroxide, 5-lb. bots.....lb. 3.27 - —
cns. .....lb. 3.15 - —
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., 5-lb., bots...lb. 1.34 - —
cns. .....lb. 1.20 - —
Oxychloride, 5-lb. bots.....lb. 3.04 - —
cns., kgs.....lb. 2.95 - —
Subbenzoate, 5-lb. bots.....lb. 3.36 - —
cns. .....lb. 3.25 - —
Subcarbonate, bots., cns.....lb. 1.32 - 1.58
fib. dms.....lb. 1.23 - 1.26
X-ray, 5-lb. bots.....lb. 2.52 - —
fib., dms.....lb. 2.46 - —
Subgallate, bots., cns.....lb. 1.42 - 1.68
fib. dms.....lb. 1.33 - 1.36
Subiodide, cns.....lb. 3.91 - —
fib. dms.....lb. 3.86 - —
Subnitrate, powd., bots., cns., lb. 1.22 - 1.48
fib., dms.....lb. 1.13 - 1.16
Subsalicylate, 62-66%, bxs..lb. 2.44 - —
bbls., fib. dms.....lb. 2.35 - —
Sulphocarbolate, 5-lb. bots..lb. 3.61 - —
fib. dms.....lb. 3.50 - —
Trioxide, powd., 5-lb. bots...lb. 3.56 - —
cns. .....lb. 3.45 - —
Bismuth-ammonia citrate, USP, powd., 5-lb. bots..lb. 3.40 - —
cns. .....lb. 3.30 - —
Bismuth-betanaphthol, 5-lb. bots., lb. 3.14 - —
fib. dms.....lb. 3.05 - —
Black, acetylene, c.l., dlvd....lb. .15 - —
Bone, 1A, bbls., bge., c.l., frt. alld. E..lb. .16 - —
l.c.l., frt. alld. E.....lb. .16½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .12½- —
l.c.l., frt. alld. E.....lb. .13 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .10½- —
l.c.l., frt. alld. E.....lb. .11 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
4, bbls., bgs., c.l., frt alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
6, bbls, bgs., c.l., frt. alld. E. lb. .06½- —
l.c.l., frt. alld. E. .....lb. .07 - —
7, bbls., bgs., c.l., frt. alld. E..lb. .09 - —
l.c.l., frt. alld. E.....lb. .09½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd.....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08½- —
cs., l.c.l. dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd.....lb. .10½- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd.....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l., works..lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., dlvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445- —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475- —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)....lb. .0490- —
30,000 lbs., dlvd Zone C, Pac. Cst. States..lb. .0505- —
D (Ill., Ia., Wis.)...lb. .0490- —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y. Ohio, part of Pa., Tenn., W. Va.)...lb. .0505- —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535- —
G (Mexico).....lb. .0455- —
l.c.l., f.o.b. whse.....lb. .07 - —
ctns., l.c.l., dlvd. all zones. lb. .07½- —
cs., l.c.l., dlvd. all zones..lb. .08½- —
export, full, comprsd., cs., f.a.s. Gulf ports..lb. .05½Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works..lb. .07¾- .08½
2, bbls., l.c.l., works....lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4 ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
Import, 1, bbls., c. l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y. ....lb. .12 - —
3 bbls., c.l., f.o.b. N. Y...lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y.....lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N. Y. lb. .04¼- —
B, bbls., works or N. Y....lb. .03¼- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .28 - .30
Tree bark, bls.....lb. .13 - .14
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs., c.l., works, frt. equal..ton.70.00 - —
l.c.l., same basis....ton.75.00 - —
pulp, 66⅔%, bulk, c.l., works, ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.35
l.c.l., works.....100 lbs. 2.25 - 2.35
Blood, dried, dom., 16-16½ ammon., bgs., f.o.b. N. Y. unit-ton. 3.40 - —
high-grade, grd., 16-17% ammon, bulk, f.o.b. Chi. unit-ton. 2.95 - —
import, bgs., c.i.f. ports, Sept.-Oct. shipt..unit-ton. 3.40 - —
soluble (see Albumen, blood)
Bloodroot, bls. .....lb. .13 - .14
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss., river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex., (Dallas Ft. Worth, 1¼c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Bronze, bbls, same basis, alkali toner, contracts..lb. .36 - —
open order .....lb. .37 - —
Celestial, bbls. .....lb. .10 - .12
Chinese, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
Imitation (see Blue, ultramarine, group 6).
Copper phthalocyanin, bbls., f.o.b. works, frt. alld..lb. 3.30 - 3.75

Amyl Acetate—Brown, Sienna

Blue, milori, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .46 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Soluble, bbls., same basis alkali toner, contracts..lb. .36 - —
open order.....lb. .37 - —
Ultramarine, dry, jobbing bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .15 - —
2, bbls., same basis....lb. .17 - —
3, bbls., same basis....lb. .18 - —
4, bbls., same basis....lb. .19 - —
5, bbls., same basis....lb. .22 - —
6, cobalt, A, same basis.lb. .26 - —
B, bbls., same basis.lb. .23 - —
C, bbls., same basis.lb. .22 - —
D, bbls., same basis.lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis...lb. .21 - —
special, 1, bbls., same basis lb. .18 - —
2, bbls., same basis....lb. .19 - —
3, bbls., same basis....lb. .21 - —
4, bbls., same basis....lb. .22 - —
5, bbls., same basis....lb. .24 - —
6, bbls., same basis....lb. .26 - —
pulp, 1, bbls., same basisNlb. .20 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd, ex whse, is 1c. higher; Pac. Coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 3c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs...lb. 1.00 - 1.09
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. works.100 lbs. 5.15 - —
16-25 bbls., same basis. 100 lbs. 5.40 - —
6-15 bbls., same basis. 100 lbs. 5.50 - —
3-5 bbls., same basis. 100 lbs. 5.75 - —
1-2 bbls., same basis. 100 lbs. 5.90 - —
monohydrated, dms., c.l. dealers..lb. .10 - —
l.c.l., dealers.....lb. .11 - —
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago..ton.29.00 -30.00
c.i.f., Atlantic ports..ton.34.00 - —
import, bgs., c.i.f. ports..ton.31.00 - —
meal, steamed, dom., 3% ammon. 50% phos., bgs., f.o.b. Chicago..ton.24.00 -25.00
import, 100-lb. bgs., c.i.f. ports, shipt..ton.26.00 - —
phosphate, precip. (see Calcium phosphate dibasic, precip.)
steamed, dom., 1¼% ammon. 60% phos., bgs., f.o.b. Chicago..ton.20.00 -22.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.22.50 - —
Borage flowers, bls.....lb. .20 - .21
Borax, tech., 99½%, cryst., bbls., contracts, 80 tons min., dlvd..ton.58.00 - —
l.c.l., ex whse.....ton.67.00 -72.00
sks., contracts, 80 tons min., dlvd..ton.48.00 - —
l.c.l., ex whse.....ton.57.00 -62.00
gran., bbls., contracts, 80 tons min., dlvd..ton.52.00 - —
l.c.l., ex whse.....ton.61.00 -66.00
sks., contracts, 80 tons min., dlvd..ton.42.00 - —
l.c.l., ex whse.....ton.51.00 -56.00
powd., bbls., contracts, 80 tons min., dlvd..ton.57.00 - —
l.c.l., ex whse.....ton.66.00 -71.00
sks., contracts, 80 tons min., dlvd..ton.47.00 - —
l.c.l., ex whse.....ton.56.00 -61.00
USP., $15 per ton higher.
Bordeaux mixture, dms., c.l., dealers East of and inc. N. D., S. D., Neb., Kan., Okla., Texas..lb. .10 - —
consumer, same basis....lb. .10½- —
l.c.l., dealers, dms., same basis..lb. .10½- —
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.
Borneol, bots.....lb. 1.75 - 2.00
cns .....lb. 1.50 - —
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., cs., 1,000 lbs., frt. alld. E. of Rockies..lb. .30 - —
single pkg., same basis.lb. .35 - —
Bromoform, USP, bots.....lb. 1.40 - 1.60
Bromstyrol, bots. .....lb. 3.25 - 4.50
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .45 - .65
moulding, cns., dms., over 10 lbs..lb. .65 - .90
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .11 - .13
Brown, iron oxide, pure precip., cks., f.o.b. N.Y., or works..lb. .12¼- —
Metallic, bbls., works.....lb. .02¼- —
paper bags, c.l., works....lb. .0210- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N. Y. or Pa. points.....lb. .12¼- —
2, bbls., same basis....lb. .11½- —
3, bbls., same basis....lb. .10½- —
4, bbls., same basis....lb. .08¾- —
5, bbls., same basis....lb. .08½- —
6, bbls., same basis....lb. .08¼- —
7, bbls., same basis....lb. .08 - —
8, bbls., same basis....lb. .07¾- —
9, bbls., same basis....lb. .07½- —
10, bbls., same basis....lb. .06¾- —
11, bbls., same basis....lb. .06½- —
12, bbls., same basis....lb. .06¼- —
13, bbls., same basis....lb. .06 - —
14, bbls., same basis....lb. .05½- —
raw, American, bbls., works, lb. .02¾- —
Italian, 1, bbls., f.o.b. N. Y. or works.....lb. .12½- —
2, bbls., same basis....lb. .10¾- —
3, bbls., same basis....lb. .11 - —
4, bbls., same basis....lb. .09½- —
5, bbls., same basis....lb. .09 - —
6, bbls., same basis....lb. .08½- —
7, bbls., same basis....lb. .07¾- —
8, bbls., same basis....lb. .07½- —
9, bbls., same basis....lb. .06¾- —
10, bbls., same basis....lb. .06 - —
11, bbls., same basis....lb. .05 - —

Brown, Umber—Chamomile

Brown, umber, American, bbls., works	lb.	.02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N.Y.	lb.	.04 - —
St. Louis	lb.	.04¼- —
ex car Los Angeles	lb.	.04½- —
ex dock Portland, San Francisco, Seattle	lb.	.04¾- —
ex whse. Boston	lb.	.04½- —
Chicago, Indianapolis, New Orleans	lb.	.04¾- —
Kansas City	lb.	.05 - —
Los Angeles, Portland, San Francisco, Seattle,	lb.	.04¾- —
Minneapolis	lb.	.0485- —
Pittsburgh	lb.	.04½- —
Vandyke, bbls., l.c.l.	lb.	.05¾- —
Walnut crystals, bbls.	lb.	.05½- .06
Brucine, 100 oz., cns.	oz.	.10 - —
Sulphate, 100 oz., cns.	oz.	.07 - —
Bryonia root, bls.	lb.	.10 - .11
Buchu leaves, bls.	lb.	.50 - .51
Buckthorn bark, true, bls.	lb.	.04 - .05
Berries, bgs.	lb.	.19 - .20
Burdock root, bls.	lb.	.09½- .10
Burgundy pitch, dom., bbls., c.l., works	lb.	.05½- —
l.c.l., dlvd. E.	lb.	.06¼- —
import., stands	lb.	.15 - .16
Butanes, comi., 16-32°, tanks, group 3	gal.	.02¼- .03¾
Butternut bark, bls.	lb.	.07½- .08
Butyl acetate, norm., dms., c.l., contract, frt. alld.	lb.	.10 - —
l.c.l., contract, frt. alld.	lb.	.10½- —
tanks, contract, frt. alld.	lb.	.09 - —
Secondary, dms., c.l., frt. pd. E. of Rocky Mts.	lb.	.08 - —
l.c.l., same terms	lb.	.08½- —
tanks, same terms	lb.	.07 - —
Alcohol (see Alcohol):—		
Aldehyde, dms., l.c.l.	lb.	.17½- —
Carbinol (see Carbinol).		
Lactate, dms.	lb.	.22½- —
Propionate, dms., dlvd.	lb.	.17 - —
Stearate, dms.	lb.	.26 - —
Butyric ether, bots.	gal.	6.60 - 6.95
cns., works	lb.	.65 - .70
dms, frt. alld. Met. N. Y.	lb.	.60 - —

C

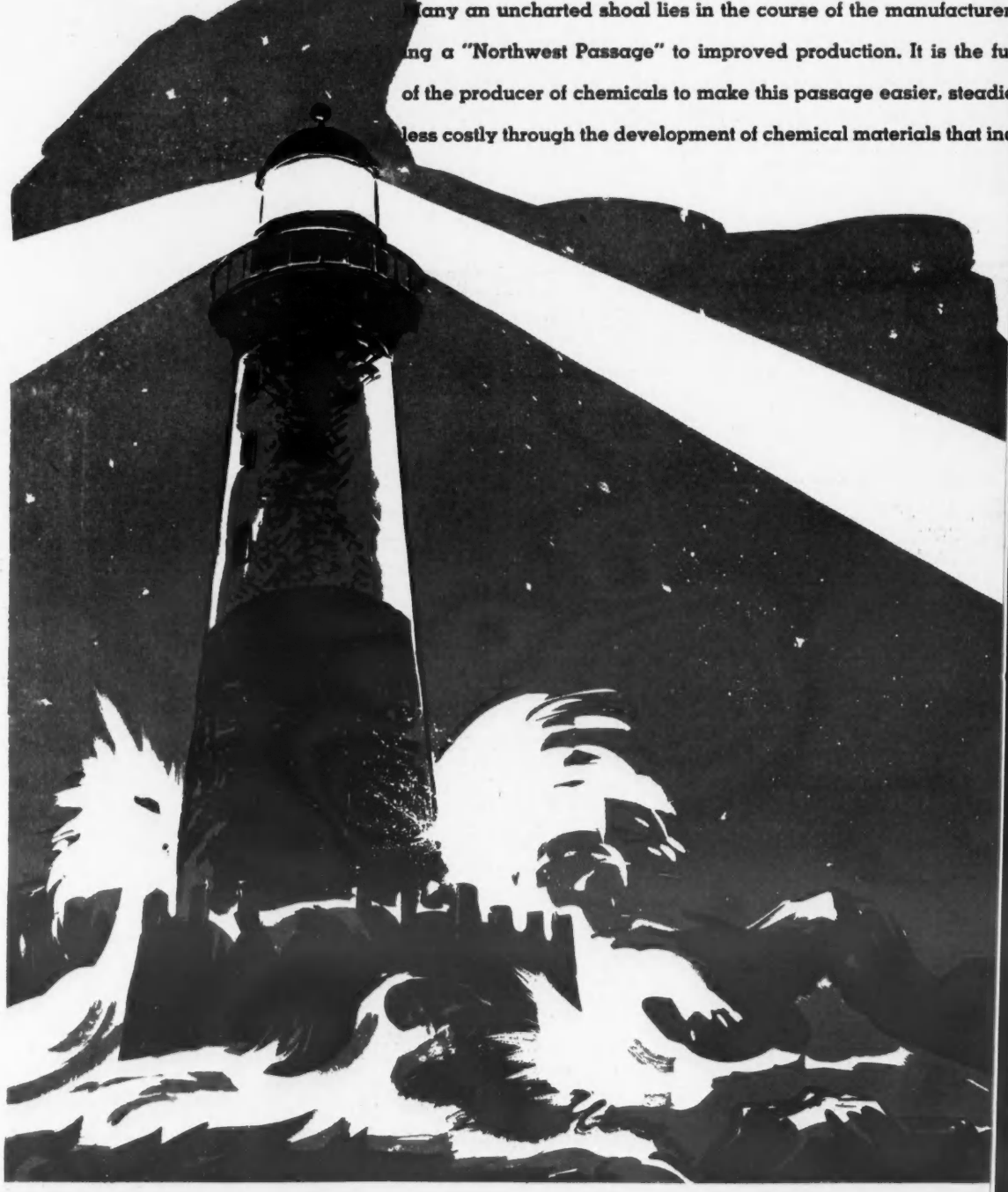
Cadmium bromide, bots., jars	lb.	1.86 - 2.00
Iodide, bots.	lb.	4.16 - 4.21
Jars	lb.	4.02 - —
Lithopone (see Yellow).		
Metal, cs.	lb.	1.60 Nom.
Red (see Red).		
Selenide (see Red).		
Sulphide (see Yellow).		
Caffeine, 100 lb. dms., 10,000 lbs. or more	lb.	2.05 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.15 - —
100 lbs.	lb.	2.25 - —
25 lb. dms. 10,000 lbs., or more.	lb.	2.08 - —
2,000 lbs., or more	lb.	2.10 - —
1,000 lbs., or more	lb.	2.18 - —
100 lbs.	lb.	2.28 - —
25 lbs.	lb.	2.40 - —
10-lb. cns., 10,000 lbs., or more	lb.	2.10 - —
2,000 lbs., or more	lb.	2.15 - —
1,000 lbs., or more	lb.	2.20 - —
100 lbs.	lb.	2.30 - —
less than 100 lbs.	lb.	2.45 - 2.60
5 lb. cns., 25 lbs., or more.	lb.	2.40 - —
less than 25 lbs.	lb.	2.55 - 2.70
Citrated, cns.	lb.	1.70 - 1.75
Hydrobromide, bots.	lb.	4.82 - 4.87
Calabar beans, bgs.	lb.	.25 - .26
Calamus root, bleached, cs.	lb.	.45 - .50
peeled, bls.	lb.	.10 - .12
Calcium acetate, bgs., dlvd.	100 lbs.	2.25 - —
Arsenate, dms., c.l., dealers, North and West	lb.	.06¾- —
l.c.l., dealers	lb.	.07¼- —
Southern cotton State, dealers, dms., c.l.	lb.	.06½- —
l.c.l., dealers	lb.	.07 - —

Calcium arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for plant or whse. pick-up.

Bromide, jars	lb.	.70 - .75
Carbide, dms	lb.	.05 - .06
Carbonate (see Chalk and Whiting).		
Chloride, flake, dom., 77-88%, bgs., dms., c.l., dlvd.,	ton.	22.00 -35.00
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.70 - 2.35
liquor, basis 40%, tanks, works	ton.	7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd.	ton.	20.00 -33.00
l.c.l., 1 ton or over, dlvd.	100 lbs.	1.60 - 2.25
Gluconate, U.S.P., gran., powd., bbls., 125 lbs.	lb.	.50 - —
dms.	lb.	.55 - .57
cns.	lb.	.68 - .85
Glycerophosphate, fib., dms., 1,000 lb. lots	lb.	1.00 - —
smaller lots	lb.	1.15 - —
cns., 25 lbs.	lb.	1.40 - —
Hypophosphite, cns.	lb.	.62 - .67
Iodide, bots., jars	lb.	3.70 - 3.85
Lactate, USP., bbls., 200 lbs.	lb.	.25 - —
Nitrate, bgs., to fert. mfrs., ex vessel	ton.	27.50 - —
Palmitate, bbls.	lb.	.22 - .23
Phosphate, dibasic, precip., 38-42% P_2O_5, bgs., c.i.f. Atlantic ports, shipt.	unit-ton.	.75 - —
tribasic, c.l., bbls., works.	lb.	.06½- —
l.c.l., bbls.	lb.	.07½- —
Resinate, precip., bbls., 1 ton,	lb.	.13 - —
smaller lots	lb.	.14 - —
Stearate, precip., bbls., ctns., c.l.	lb.	.19 - —
l.c.l., 1 ton	lb.	.20 - —
Sulphate (see Gypsum)		
Sulphide, 75%, CaS (minus 100 mesh), c.l., works,	ton.	52.00 - —
l.c.l., works	ton.	56.00 - —
83/85 CaS, c.l., works	ton.	58.00 - —
l.c.l., works	lb.	64.00 - —
luminous, dom., tins, works, 100 lbs.		.75 - —
Sulphocarbolate, bbls., 200 lbs.	lb.	.48 - —
kgs., 100 lbs.	lb.	.50 - —
Calendula flowers, bls.	lb.	.38 - .40
Calomel, bbls., fib., dms., kgs.,	lb.	1.59 - 1.60
Camphor, natural, powd., cs.	lb.	.55 - .56
slabs, cs.	lb.	.55 - .56
tablets, tins	lb.	.60 - .61
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs.	lb.	.50 - —
500 lbs.	lb.	.51 - —
100 lbs.	lb.	.52 - —
tablets, imp., cs., 2,000 lbs.	lb.	.54 - —
500 lbs.	lb.	.55 - —
100 lbs.	lb.	.56 - —
Monobromate, bxs., kgs.	lb.	1.60 - 1.65
Canada balsam (see Fir balsam)		
Canary seed, Argentine, bgs.	lb.	.0560- .0565
Morocco, bgs.	lb.	.0560- .0565
Turkish, bgs.	lb.	.0545- .0560
Canella alba bark, bls.	lb.	.37 - .38
Cannabis herb, bls.	lb.	.18 - .20
Cantharides, Chinese, cs.	lb.	.65 - .70
powd., bxs.	lb.	.90 - .95
Russian, cs.	lb.	1.25 - 1.30
powd., bxs.	lb.	1.60 - 1.65
Capsicum (see Pepper, red).		
Caraway seed, Dutch, bgs.	lb.	.07½- .08
Carbazole, 70-80%, dms., works.	lb.	.60 - —
90%, dms., works	lb.	.80 - —
95%, dms., ton lots, works.	lb.	.70 - —
smaller quantities, works.	lb.	.85 - —
98.5-99%, dms., ton lots, works,	lb.	.75 - —
smaller quantities, works.	lb.	.85 - —
Carbinol, butyl, norm., dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
secondary, dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
Diethyl, dms., works	lb.	.60 - —
small lots, works	lb.	.75 - —
Isobutyl, 128-132°, dms., c.l., works.	lb.	.33 - —
l.c.l., works	lb.	.34 - —
tanks, works	lb.	.32 - —
Methylpropyl, dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
Dimethylethyl, dms., works.	lb.	.60 - —
small lots, works	lb.	.75 - —
Carbon bisulphide, 55-gal. dms., c.l., frt. all'd. E. of Miss. R., N. of Ohio R.	lb.	.05 - —
l.c.l., same basis	lb.	.05¾- —
5 gal. dms., c.l., same basis.	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.04½- —
Carbon, dioxide, cyls.	lb.	.06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. R., N. of Ohio R.	lb.	.05½- —
l.c.l., same basis	lb.	.05¾- —
10-gal. dms., c.l., (20 tons), same basis.	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
5-gal. dms. c.l. (20 tons), same basis.	lb.	.07 - —
l.c.l., same basis	lb.	.08 - —
tanks, same basis	lb.	.05 - —
Fire extinguisher liquid. 2c. lb. higher.		
Cardamom, bleached, cs.	lb.	1.65 - 1.90
decorticated, cs.	lb.	1.35 - 1.40
green, bgs.	lb.	.96 - .99
Carvol, bots.	lb.	4.00 - 4.25
Cascara sagrada bark, bulk.	lb.	.11¾- .12
Case-hardening mixture, 45%, gran., dms., l.c.l.	lb.	.11¾- —
lump, dms., l.c.l.	lb.	.10¾- —
60%, lump, dms., l.c.l.	lb.	.09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.	lb.	.13 - .14
5 tons, works	lb.	.14½- —
smaller lots, works	lb.	.15 - —
80-100 mesh, bgs., c.l., dlvd.,	lb.	.13½- .14½
5 tons, works	lb.	.15 - —
smaller lots, works	lb.	.15½- —
import, Argent., 20-30 mesh, bgs., c.l., duty pd.	lb.	.18 - —
80-100 mesh, bgs., c.l., duty pd.	lb.	.18½- —
French, 30 mesh, bgs., c.l., duty pd.	lb.	.17 - .18
Cassia, Batavia, 1, bgs.	lb.	.16½- .16¾
3, bls.	lb.	.08¼- .08¾
short stick, bls.	lb.	.13¾- .14
China, rolls, select, cs.	lb.	.05½- .05¾
broken, extra bls.	lb.	.04 - .04¼
Saigon, bls.	lb.	.16 - .16¼
Cassia buds, cs.	lb.	.20 - .21
Cassia fistula, bskts.	lb.	.11 - .12
Castile soap, white, bars, cs.,	40 lbs.	11.75 -12.50
powd., bbls.	lb.	.28 - .35
Castoreum, nat., cns.	lb.	15.00 -16.00
synth., bots.	lb.	19.00 - —
Castor oil (see Oil, castor).		
Pomace, dom., 5½% ammon., bgs., c.l., works.	ton.	23.00 - —
import, bgs., c.i.f., ports, shipment.	ton.	24.25 - —
Catnep leaves, bls.	lb.	.18 - .19
Celery seed, French, bgs.	lb.	.17 - .17½
Indian, bgs.	lb.	.15 - .15½
Celluloid scrap (see Pyroxylin scrap).		
Cellulose acetate, flake, cs., works.	lb.	.40 - —
Acetobutyrate, '501 lbs. and over, works.	lb.	.52 - —
10. lbs., works	lb.	.68 - —
smaller lots, works	lb.	.55 - —
Cement, white, bbls. (4 bags), 5 tons, dlvd. N. Y.	bbl.	6.50 - —
Cerium hydrate, dms., works.	lb.	.60 - —
Oxalate, USP, bbls., works.	lb.	.28 - —
kgs., works.	lb.	.30 - —
Chalk, precip., extra light, light, heavy, bgs., 50 lbs., c.l., f.o.b., works.	lb.	.02¾- —
cks., 250 lbs., c.l., f.o.b., works.	lb.	.03¼- —
Chamomile flowers, Hungarian, genuine, cs.	lb.	.26 - .27
Roman, bls.	lb.	.24 - .25

STEADIER GOIN

...IN THE LIGHT OF CHEMICAL TECHNIQU



...any an uncharted shoal lies in the course of the manufacturer ...ng a "Northwest Passage" to improved production. It is the fu... of the producer of chemicals to make this passage easier, steadie... less costly through the development of chemical materials that inc...

Charcoal, softwood, powd., bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va..ton.30.40 - —
Colo. .....ton.27.00 - —
Conn., Me., Mass., N. H., R. I., Vt..ton.30.80 - —
Ill., (except river points), Minn., Neb., Wis. .....ton.25.00 - —
Indiana .....ton.26.00 - —
Ill. (river points), Ia., Mo., Okla., Tex. (except El Paso)..ton.23.00 - —
Kansas, El Paso, Tex. ton.24.00 - —
Michigan .....ton.27.80 - —
Ohio, Penn.....ton.29.80 - —
Utah .....ton.34.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls., c.l., works, lb. .02125- —
l.c.l., bbls., works.....lb. .0225- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75%, 300 mesh, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton. 9.50 -15.50
bulk, c.l., works...ton. 6.50 - —
99.75% 200 mesh, bgs., c.l., works..ton. 8.00 - —
l.c.l., works.....ton. 9.00 -15.00
wet-grd., silk-bolt, 99.9%, 325 mesh, bulk, c.l., works ton. 9.00 - —
paper bgs., c.l., works, ton.12.00 - —
China clay, import, white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila.. ton.22.00 -25.00
powd., csks., l.c.l., ex dock, ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs., lb. .83 - .92
500 lbs. .....lb. .86 - .95
100 lbs. .....lb. .88 - .97
25 lbs. .....lb. .90 - .99
1-10 lbs. .....lb. .95 - 1.02
dms., 1,000 lbs. .....lb. .80 - —
500 lbs. .....lb. .83 - —
100 lbs. .....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y..lb. .05½- —
contracts, dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 3 or over, wks., frt. equald.100 lbs. 2.30 - —
2, works, frt. equald... 100 lbs. 2.55 - —
1, works, frt. equald... 100 lbs. 3.00 - —
Chloroacetophenone, tins,works.lb. 3.00 - 3.50
Chloroform, tech., 650-lbs. drums, lb. .20 - —
100-lbs. dms.....lb. .22 - —
50-lb. dms.....lb. .25 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.... .....lb. .33 - —
Chloropicrin, coml., 185-lb. cyls., works..lb. .80 - —
5-lb. cyls., same basis....lb. 1.15 - —
Chrome acetate, powd., 17.5% cr., bbls., works..lb. .13 - —
smaller pkgs., works....lb. .17 - —
solut., 8% cs., bbls.....lb. .05 - .08
Caks, bulk, c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, dms., 100 lbs., lb. .40 - —
powd., dms., 100 lbs.....lb. .45 - —
scales, dms., 100 lbs.....lb. .45 - —
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 - 3.50
Cinchona bark, chips, bgs.....lb. .18 - .19
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .18 - .19
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .18 - .20
Cinchonidine, crys., small cns., 100 ozs..oz. .83 - —
large, cns.....100 ozs..oz. .87 - —
powd., cns.....100 ozs..oz. .80 - —
Sulphate, N.F., cns..100 ozs.oz. .47 - —
Cinchonine, crys., small, cns., 100 ozs..oz. .54 - —
large, cns.....100 ozs..oz. .58 - —
powd., cns.....100 ozs..oz. .50 - —
Sulphate, N.F., cns..100 ozs..oz. .34 - —
Cinchophen, USP, boxes, 5 lbs., lb. 3.75 - —
bots., 1 lb.....lb. 3.27 - —
dms., 100 lbs.....lb. 3.00 - —
Cinnamic alcohol (see Alcohol cinnamic).
Aldehyde, f.f.c. bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls....lb. .17 - .17¼
3, bls. .....lb. .16¼- .16½
Citral, bots., cns.....lb. 1.70 - 3.15
Citrine ointment, jars, tubes.lb. .75 - —
Citronellal, bots., dms.....lb. 1.00 - 1.50

Charcoal—Deertongue

Citronellol, bots., dms.....lb. 1.75 - 1.80
Clove, Madagascar, bls.....lb. .16 - .16¼
Zanzibar, bls.....lb. .17¼- .17½
Clove, Madagascar, bls.....lb. .16 - .16¼
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.50 - 7.75
l.c.l., works.....bbl. 8.25 - 8.50
tanks, works.....gal. .07½- .09
refd., bbls., c.l., works...bbl. 8.00 - 8.25
l.c.l., works.....bbl. 8.75 - 9.00
tanks, works.....gal. .08½- .10
water-gas, crude, dms., c.l., works..dm. 7.50 - —
l.c.l., works.....dm. 8.00 - —
refd., dms., c.l., works...dm. 8.25 - —
l.c.l., works.....dm. 8.75 - —
Cobalt acetate, bbls., kgs., dlvd. lb. .66 - .68
Carbonate, tech., bbls., dlvd.lb. 1.63 - —
Chloride, dms., works.....lb. 1.03 - 1.18
Hydrate, bbls.....lb. 1.78 - —
Linoleate, paste, 6%, dms...lb. .31 - —
solid, 8½%, bbls.....lb. .33 - —
Oleate, bbls.....lb. .26 Nom.
Oxide, black, kgs.....lb. 1.67 - —
Resinate, fused, A, bbls.....lb. .13½- —
1%, bbls.....lb. .13 - —
2%, bbls.....lb. .14 - —
3½%, bbls.....lb. .17½- —
precip., dms., dlvd.....lb. .34 - —
Sulphate, dms.....lb. .59 - —
Cocaine hydrochloride, 100 ozs., cns..oz. 9.75 - —
Cochineal, gray, bgs.....lb. .35 - .38
Teneriffe, silver, bgs.....lb. .36 - .39
Cocillana bark, bgs.....lb. .18 - .20
Cocoa butter, lumps, bgs., c.l..lb. .18½- .19
Codeine, cns., 100 ozs.....oz.11.70 - —
Hydrochloride, cns., 100 ozs..oz.10.50 - —
Phosphate, cns., 100 ozs.....oz. 9.00 - —
Sulphate, cns., 100 ozs.....oz. 9.50 - —
Codliver oil (see Oil, codliver).
Cohosh, black, root, bls.....lb. .07½- .08
Blue, root, bls.....lb. .06½- .07
Colchicine, bots., 4 ozs.....oz.25.00 - —
single ozs.....oz.26.00 - —
Colchicum seed, bgs.....lb. .25 - .27
Collodion, USP, dms., 325 lbs..lb. .12½- —
cns., 25 lbs.....lb. .16 - —
Flexible, USP, dms., 325 lbs.lb. .14½- —
cns., 25 lbs.....lb. .18 - —
Colocynth pulp, bls.....lb. .38 - .40
Colombo root, bls.....lb. .20 - .21
Coltsfoot leaves, bgs.....lb. .07 - .08
Condurango bark, bgs.....lb. .08 - .09
Conium leaves, bls.....lb. .18 - .19
Copaiba, balsam, Para, cns....lb. .28 - .29
S.A., USP, cns.....lb. .30 - .31
Copper acetate, normal, bbls., c.l., works..lb. .23 - —
l.c.l., bbls.....lb. .25 - —
Carbonate, 52-54%, bbls.....lb. .18 - —
18-20%, bbls.....lb. .10½- .12
Chloride, bbls.....lb. .15 - .17
Cyanide, tech., bbls.....lb. .37 - .39
Iodide, bots.....lb. 4.97 - 5.02
Metal, electrolytic.....lb. .14 - —
Nitrate, cryst., bbls.....lb. .15 - —
Oleate, percip., bbls.....lb. .20 - —
Oxide, black, bbls., tons, works, lb. .18½- —
smaller lots, works.....lb. .19 - —
red, com'l, 50-75%, kgs., f.o.b. N.Y..lb. .19775- —
Resinate, precip., bbls.....lb. .15 - .16
Stearate, precip., bbls.....lb. .23 - .24
Sulphate (see Blue vitriol).
Copperas, cryst., gran., bgs., c.l., works..ton.14.00 -15.00
bbls., c.l., works.....ton.16.00 -17.00
l.c.l., 25 or over, works.... 100 lbs. 1.35 - —
5-24, works.....100 lbs. 1.50 - —
1-4, works.....100 lbs. 2.00 - —
bulk, c.l., works.....ton.12.00 -13.00
Copra, bgs., Pacific Coast.....lb. .0250 Nom.
Coriander seed, Morocco, bgs..lb. .09¾- .10
bleached, bgs.....lb. .10¾- .11
Corn sugar, tanners, bbls., c.l., dlvd..100 lbs. 3.79 - —
ex whse.....100 lbs. 3.89 - —
Syrup, 42°, bbls., c.l....100 lbs. 3.91 - —
43°, bbls., c.l. .....100 lbs. 3.96 - —
Cornsilk, bls. .....lb. .07 - .08
Corrosive sublimate, cryst., dms., lb. 1.37 - 1.38
gran., powd., dms.....lb. 1.22 - 1.28
Cottonroot bark, bls.....lb. .12 - .13
Cottonseed hull ash, 25-30% pot-ash, bulk, dlvd..unit-ton. 1.05 - —
Coumarin, 5 lbs., or more, 25-lb. cns..lb. 3.00 - —
5-lb. cns.....lb. 3.10 - —
1-lb. cns.....lb. 3.25 - —
1-oz. cns.....lb. 3.60 - —
less than 5 lbs.. cns.....lb. 4.15 - 4.65
Cramp bark, genuine, bls.....lb. .20 - .22
so-called, bls. .....lb. .07 - .08
Cranesbill root, bls. .....lb. .16 - .20
Cream tartar, gran. or powd., bbls., 5,000 lbs., one shipm't, lb. .19¾- —
smaller lots, bbls.....lb. .20¼- —
kgs. .....lb. .19¾- —
Creosote, beechwood, bots.....lb. .70 - .75
Hardwood, USP, bots.....lb. .45 - .47
Pine, dms.....gal. .28 - —
Carbonate, bots., cbys.....lb. 1.40 - 1.75
Oil, crude, tanks, works....gal. .13½- .14
Coaltar solution, tanks, works gal. .118 - .128
refd., bbls., c.l., works..gal. .22½- —
l.c.l., works.....gal. .25 - —
tanks, works.....gal. .16 - .18½
Cresol, USP, dms., c.l., works.lb. .12 - —
l.c.l., same basis.....lb. .12½- —
Crotonaldehyde, tech., dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .30 - —
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., frt. equaled., with Newark, Balto., and West Coast, lb. .27 - —
10,000 lbs. and over, same basis..lb. .26 - —
2,000 lbs. and over, same basis..lb. .29 - —
1,000 lbs. and over, same basis..lb. .31 - —
200 lbs. and over, same basis..lb. .33 - —
Cube root, powd., 4% rotenone prices, 5c. per lb less.
coarse grd., 4% & 5% rotenone, prices 1c. less than powd.
3% rotenone, 6c. less than powd.
Cubeb berries, XX, bgs.....lb. .30 - .31
powd., cs.....lb. .34 - .35
Culver's root, bls.....lb. .17 - .19
Cumin seed, Algerian, bgs.....lb. .09¼- .09½
Indian, bgs.....lb. .10 Nom.
Morocco, bgs.....lb. .09¼- .09½
Cutch, Philippine, bls., c.l...lb. .04 - —
Cyanamide, 21-22% N., pulv., bgs., dlvd., contrs., NH_3 unit.. 1.15 - —
Cyanide-chloride, mixture, 75%, gran., dms..lb. .16 - .17
lump, dms .....lb. .14 - .15

D

Damiana leaves, bls.....lb. .17 - .18
Dandelion root, German, bls..lb. .19 - .20
Deertongue leaves, bls.....lb. .15½- .16

—— ALL ALONG THE LINE

cess efficiency and improve product quality.

yanamid's policy is to study the problems of its customers and to ly its special chemical knowledge to their solution. Sometimes it problem in textile processing. Again it is a question of improving efining procedure, or paper production. Often our technicians dis- er that a standard chemical may be used with economical results n industry where it has never been utilized before. Such discoveries frequently the result of the carefully planned research campaigns ch Cyanamid systematically conducts for the benefit of its cus- ers in a wide variety of fields.

ypical examples of products that have been helpful in specific ustries may be found in the column on the right. You also may find r going in the light of Cyanamid's special knowledge of chemi-

MERICAN CYANAMID & HEMICAL CORPORATION

30 ROCKEFELLER PLAZA · NEW YORK, N. Y.

***AERO BRAND RUBBER SULPHUR** A product carefully prepared for the most exacting specifications of rubber compounders. Air floated and bolted through silk, it is packed in convenient 50-pound paper bags. Fast service is assured by large stocks at our tidewater plant at Warners, N. J., and our distributors' stocks at Trenton, N. J., Akron, Ohio, and Waterbury, Conn.

****REZYL 387** is an oxidizing type alkyd resin which imparts to nitrocellulose lacquers distinct improvement in such characteristics as adhesion, toughness, color retention and outdoor durability. For such use it is supplied as Rezyl 387-4 (60% solution in toluol).

Our technical staff will gladly supply suggestions on these and other resins to meet individual requirements.

WARP SIZE Concentrated sizing assistants, recommended for use in all cotton warp sizing operations. Their base is pure tallow scientifically blended with other essential elements to form a product having softening powers of high intensity. They mix perfectly with the size, and produce a smooth and highly flexible elastic warp. Their use eliminates flaking on the dry cans, and the warps open freely at the lease rods. Contain no chemicals injurious to cloth. They are removed easily from the cloth during Kier boiling and, in fact, assist in cleaning the cloth. A wide variety of products is offered to meet the individual needs of all weaving mills.

Our standard products are:

Warp Size J — Warp Size 674
Warp Size W — Warp Size 679
Warp Size 680

AEROSOL WETTING AGENTS —Aerosol OT—the most powerful wetting agent on the market. Stable under acid, neutral and slightly alkaline conditions. Aerosol OT (unlike the usual wetting agents) is available as a pure material and appears as a wax-like solid, soluble in all organic solvents and in animal, vegetable and mineral oils. Also available in dilute form as an aqueous dispersion or as a clear solution; and in powdered form, combined with an inert organic medium. Used in oil well drilling, lubricants, shoe polishes, paper towels, latex emulsions, printing inks, wall paper, removers, pigment grinding, shampoos, hand cleansers, rubber mold lubricants.

YELLOW PRUSSIATE OF SODA is used principally in the manufacture of iron blue pigments, such as Prussian Blue, Chinese Blue and Milori Blue, which are widely used in the manufacture of paint, lacquer, printing ink and related products. Aero Brand Yellow Prussiate of Soda analyzing over 99% Sodium Ferro-cyanide, has been the standard of quality for many years, but recent improvements in equipment now insure even higher quality and uniformity.

Watch this column monthly for the announcement of other interesting Cyanamid developments. Technical information on these and other Cyanamid products is available on request.

*Registered U. S. Patent Office
**Trade Mark of Rezyl Corporation
Protected by U. S. Patents

Degras—Grease

Degras, common, dom., bbls..lb. .08 Nom.
English, bbls.....lb. .08 Nom.
neutral, dom., bbls.....lb. .12¼ Nom.
English, bbls.....lb. .12¼ Nom.
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f.o.b. N.Y.C., or Balto., frt. prepaid to West Coast ports....lb. .39 - —
30,000 lbs., contract or orders, basis..lb. .39½- —
10,000 lbs., same basis.lb. .40 - —
2,000 lbs., same basis.lb. .41 - —
bbl., same basis....lb. .44 - —
less than 100 lbs., same basis..lb. .47 - —
import contracts, 30,000 lbs..lb. .21½- —
10,000 lbs. .....lb. .22 - —
4% rotenone prices 6c. per lb. less
Dextrin, British, gum, c.l., f.o.b. Chicago..100 lbs. 4.60 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.70 - —
Corn, canary, bgs., c.l., f.o.b. Chicago..100 lbs. 4.25 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.45 - —
white bgs., c.l., f.o.b. Chicago..100 lbs. 4.30 - —
l.c.l., f.o.b. Chicago..100 lbs. 4.50 - —
Potato, import., bgs.....lb. .07¾- .08¾
Tapioca, bgs., ex whse.....lb. .08 Nom.
Diamyl ether, dms., c.l., works. lb. .085 - —
l.c.l., works .....lb. .092 - —
tanks, works .....lb. .075 - —
Oxalate, dms.. l.c.l., works..lb. .30 - —
Phthalate, dms., c.l., dlvd..lb. .20½- —
l.c.l., dlvd.....lb. .21 - —
tanks, dlvd.....lb. .19½- —
Sulphide, dms., l.c.l., works..lb. 1.10 - —
Diamylamine, dms., c.l., works., lb. .47 - —
l.c.l., works.....lb. .50 - —
Diamylene, dms., c.l., works.lb. .095 - —
l.c.l., works.....lb. .102 - —
tanks, works.....lb. .085 - —
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works, ton.22.00 -85.00
l.c.l., ex whse.....ton.45.00 -150.00
import, bgs., c.l., c.i.f.....ton.30.00 - —
Dibutyl phthalate, dms.....lb. .21 - —
Tartrate, dom., dms.....lb. .35 - .40
import., dms.....lb. .80 - .85
Dicalcium phosphate (see Calcium phosphate, dibasic).
Dichloroethyl ether, dms., c.l. works..lb. .15 - —
l.c.l., works.....lb. .16 - —
tanks, works.....lb. .14 - —
Diethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., works.....lb. .27 - —
tanks, works.....lb. .25 - —
Diethyl carbonate, coml., dms.lb. .31½- —
refd., 99%, dms.....lb. .50 - —
Carbinol (see Carbinol).
Phthalate, dms., c.l.....lb. .19 - —
l.c.l. .....lb. .19½- —
tanks .....lb. .18 - —
Sulphate, dms., c.l., works..lb. .13 - —
l.c.l., works.....lb. .14 - —
tanks .....lb. .12 - —
Diethylanilin, dms.....lb. .50 - —
Diethyleneglycol, dms., c.l.,works, lb. .22 - —
l.c.l., works.....lb. .23 - .26
Monobutylether, dms., works.lb. .26 - .27
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works.....lb. .17 - —
tanks, works.....lb. .15 - —
Digitalis leaves, dms.....lb. .33 - .35
Diglycol oleate, light, bbls....lb. .21 - .24
Dilseed, recleaned, bgs.....lb. .07½- .08
Dimethyl phthalate, dms.....lb. .21 - —
Dimethylanilin, dms.....lb. .26 - .27
Dimethylethyl carbinol (see Carbinol).
Dinitrobenzene, bbls.....lb. .16 - .18
Dinitrochlorobenzene, bbls.....lb. .16½- .17¼
Dinitronaphthalene, kgs.....lb. .35 - .38
Dinitrophenol, bbls.....lb. .23 - .24
Dinitrotoluene, dms.....lb. .14½- .15½
oily, dms.....lb. .09 - —
Diorthotoluolguanidin, dms, 2,000 lbs. or over, dlvd..lb. .44 - —
600-1,950 lbs., dlvd.....lb. .46 - —
150-450 lbs., dlvd .....lb. .47 - —
Dip oil (see Tar acid oil).
Dipentene, dms.....gal. .47 - .50
tanks .....gal. .41 - —
Diphenyl, bbls, c.l., works....lb. .15 - —
l.c.l., works.....lb. .20 - .25
Oxide, bots.....lb. .70 - 1.00
Diphenylamine, bbls.....lb. .31 Nom.
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd..lb. .35 - —
600-1,950 lbs., dlvd.....lb. .36 - —
150-450 lbs., dlvd.....lb. .37 - —
Diphenylmethane, bots.....lb. 1.40 - 2.00
Disodium phosphate (see Soda phosphate, dibasic)
Divi-divi, bgs., shipment....ton.34.00 Nom.
Doggrass root, cut, bls.....lb. .12 - .13
Dogwood bark, dom., bls.....lb. .07 - .08
Jamaica, bls.....lb. .07 - .08
Dover's powder, USP, cns.....lb. 2.75 - 2.80
Dragon's blood, mass, cs.....lb. .85 - .85
reeds, thin, cs.....lb. .85 - .90
Duboisine sulphate, vis.....oz.34.50 -35.00
36 Chrome yellow 9G.....lb. .61 - .70
40 Chrome yellow R.....lb. .80 - 1.00
53 Victoria violet.....lb. .80 - 1.00
165 Lake red C.....lb. 1.00 - —
176 Fast red A.....lb. .60 - .75
180 Fast red VR.....lb. 1.50 - 1.65
189 Lake red R, paste.....lb. .85 - .90
189 Lake red R, powdered.lb. 3.00 - 3.10
202 Chrome blue black U..lb. .32 - .40
204 Chrome black A.....lb. 1.75 - 2.00
208 Fast red blue R.....lb. .75 - 2.00
216 Chrome red B.....lb. 1.75 - 2.00
262 Cloth red 2B.....lb. .60 - .80
289 Fast cyanin 5R.....lb. .90 - 1.00
299 Chrome black F.....lb. .60 - .65
307 Fast cyanin black B...lb. .80 - .85
326 Direct east scarlet.....lb. 2.00 - 2.25
364 Paper yellow.....lb. .83 - .90
365 Chrysophenin G.....lb. .58 - .70
394 Direct violet N.....lb. 1.25 - 1.30
382 Direct scarlet B.....lb. 1.50 - 1.75
387 Direct violet B.....lb. 1.00 - 1.30
401 Developed black BHN..lb. .50 - .75
406 Direct blue 2B.....lb. .25 - .30
415 Direct orange R.....lb. .60 - .70
419 Direct fast red F.....lb. .75 - .85
420 Direct brown M.....lb. 1.00 - 1.10
448 Benzo purpurin 4B.....lb. .40 - .42½
495 Benzo purpurin 10B....lb. .40 - .50
502 Direct azurin G.....lb. .75 - .80
512 Direct blue RD.....lb. .80 - 1.00
518 Direct pure blue 6B....lb. 1.10 - 1.25
520 Direct pure blue.....lb. .50 - 1.00
529 Direct fast black FF..lb. .55 - 1.00
581 Direct black EW.....lb. .25 - .50
582 Direct black RX.....lb. .35 - .45
598 Direct green B.....lb. .75 - .80
604 Direct green G.....lb. 1.00 - 1.05
696 Direct brown 3GO.....lb. .35 - 1.00
698 Direct yellow R.....lb. 1.25 - 1.50
698 Acid violet.....lb. 1.00 - 3.00
812 Primulin .....lb. .50 - .52
814 Direct fast yellow.....lb. 2.00 - 2.25
845 Nigrosin(water soluble).lb. .35 - .50

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—
1177 Indigo, 20 p.c., paste...lb. .15 - .18
Benzo fast black L....lb. .90 - 1.00
Sulphur black .....lb. .20 - .35
Sulphur blue .....lb. .40 - 1.00
Sulphur brown .....lb. .25 - .50
Sulphur maroon .....lb. .40 - —
Sulphur olive.....lb. .25 - .54
Sulphur tan .....lb. .30 - .50
Sulphur yellow .....lb. .30 - .50
Zambesi black .....lb. .75 - .80
Dyes, coaltar, for stains (numbers are those of Colour Index scale):—
Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)
Black:—
865 Nigrosin derivatives.lb. .42 - —
Blue:—
1075 Alizarin astrol base.lb.15.00 - —
1078 Alizarin cyanin green base..lb. 6.00 - —
729 Victoria blue.....lb. .75 - —
Browns:—
Brown .....lb. 1.15 - —
Green:—
1078 Alizarin cyanin green.lb. 5.00 - —
.... Green .....lb. .75 - —
Orange:—
24 Sudan I.....lb. .70 - —
.... Orange, red shade..lb. .75 - —
Red:—
73 Sudan II.....lb. 1.05 - —
258 Sudan IV.....lb. .95 - —
749 Rhodamine B (oil pink) lb. 2.50 - —
1080 Anthroquinone violet base..lb. 6.00 - —
690 Oil violet .....lb. .50 - —
Yellow:—
15 Amidoazobenzene yellow..lb. .90 - —
17 Amidoazotoluene yellow. lb. .75 - —
61 Yellow OO.....lb. 1.40 - —
Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
864 Nigrosin .....lb. .40 - —
Blue:—
729 Victoria blue .....lb. 2.55 - —
880 Indulin .....lb. .70 - —
Brown:—
331 Bismarck brown ....lb. 1.50 - —
Green:—
637 Malachite green base.lb. 2.00 - —
Orange:—
20 Chrysoidin G.....lb. .95 - —
21 Chrysoidin R.....lb. .95 - —
Red:—
677 Fuchsin, magenta base. lb. 7.25 - —
749 Rhodamine B.....lb. 4.75 - —
Yellow:—
67 Amidoazotoluene yellow..lb. .75 - —
635 Auramine .....lb. 2.00 - —
800 Chinolin yellow SS..lb. 3.00 - —
Violet:—
680 Methyl violet.....lb. 1.00 - —
Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).
Black:—
246 Naphthol blue black S, lb. .50 - —
865 Nigrosin .....lb. .38 - —
873 Methylene gray ....lb. 1.50 - —
Blue:—
714 Patent blue A .....lb. 1.45 - —
729 Victoria blue B.....lb. 2.00 - —
861 Indulin .....lb. .87 - —
909 New blue R.....lb. 1.30 - —
922 Methylene blue ....lb. 1.00 - —
1054 Alizarin saphirol B..lb. 1.90 - —
1180 Indigotin IA.....lb. .85 - —
Brown:—
234 Resorcin brown Y...lb. .65 - —
235 Resorcin dark brown R, lb. .92 - —
231 Bismarck brown G..lb. .52 - —
332 Bismarck brown R..lb. .37 - —
793 Phosphin .....lb. 4.65 - —
Green:—
5 Naphthol green B...lb. 1.00 - —
657 Malachite green.....lb. 1.35 - —
662 Brilliant green.....lb. 2.00 - —
666 Guinea green B.....lb. 1.15 - —
737 Wool green S.....lb. .58 - —
924 Methylene green B..lb. 1.55 - —
1078 Alizarin cyanin green, lb. 2.35 - —
Orange:
6 Chrysoidin G.....lb. .40 - —
21 Chrysoidin R.....lb. .37 - —
27 Orange G.....lb. .50 - —
151 Orange Y.....lb. .30 - —
161 Orange R.....lb. .34 - —
Red:—
31 Amidonaphthol red G, lb. .42 - —
57 Amidonaphthol red 6B, lb. .68 - —
[illegible] Ponceau R .....lb. .48 - —
88 Fast red B .....lb. 1.05 - —
176 Fast red A .....lb. .54 - —
179 Azorubin .....lb. .52 - —
183 Crocein scarlet 3BX..lb. .60 - —
185 Cochineal red A.....lb. .60 - —
252 Brilliant crocein M..lb. .62 - —
[illegible] Ruchsin .....lb. 1.90 - —
749 Rhodamine B .....lb. 3.50 - —
[illegible]amine 6G .....lb. 4.50 - —
768 Eosin G .....lb. 1.50 - —
841 Safranin .....lb. 1.45 - —
Violet:—
680 Methyl violet B....lb. .75 - —
681 Crystal violet C....lb. 1.75 - —
685 Acid violet 4BN....lb. .88 - —
Yellow:—
10 Naphthol yellow S..lb. .89 - —
138 Metanil yellow .....lb. .53 - —
636 Fast light yellow....lb. 1.25 - —
639 Xylene light yellow..lb. 1.15 - —
640 Tartrazin .....lb. .90 - —
655 Auramine .....lb. 1.27 - —
Dyes, natural (see name of article).

E

Echinacea root, bls.....lb. .26 - .27
Egg albumen (see Albumen).
Yolk, dom., cs.....lb. .68 Nom.
import, cs.....lb. .58 Nom.
Elder flowers, bright, bls.....lb. .20 - .21
dark, bls.....lb. .18 - .19
Elecampane root, bls.....lb. .11 - .12
Elm bark, grinding, bls.....lb. .11 - .12
powd., bbls., bxs.....lb. .20 - .21
select, bndls.....lb. .23 - .25
Emetine hydrochloride, bots...oz.17.00 -18.00
Ephedra, bls.....lb. No offers
Ephedrine, tins, 100 ozs.....oz. 3.15 - 4.81
Hydrochloride, tins, 100 ozs..oz. 2.95 - 4.01
Sulphate, cryst., tins, 100 ozs.oz. 2.95 - 4.01
powd., tins., 100 ozs.....oz. 3.00 - 4.06
Epsom salt, tech., bgs....100 lbs. 1.80 - —
bbls. .....100 lbs. 1.90 - —
USP, cryst., dom., bgs., c.l., 100 lbs. 2.00 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.25 - —
smaller lots.....lb. 2.50 - —
Epsom salt, USP, cryst., dom., bbls., c.l.....lb. 2.10 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.35 - —
smaller lots .....lb. 2.60 - —
kgs., c.l. .....lb. 2.35 - —
l.c.l., 5,000 lbs., 1 withdrawal..lb. 2.60 - —
smaller lots .....lb. 2.85 - —
dried, dom., bgs., l.c.l...lb. .08 - .10
Ergot, USP, cs., dms.....lb. 1.45 - 1.50
Eserine, bots.....oz.42.00 - —
Salicylate, bots.....oz.29.00 -30.00
Sulphate, bots.....oz.30.00 - —
Ether, acetic, dms., 400 lbs...lb. .09 - —
cns., 35 lbs.....lb. .14 - —
Ethyl (see Ether, sulphuric).
Nitrous, conc., bots., 100 lbs., lb. .68 - —
Sulphuric, conc., dms., 120 lbs., lb. .09 - —
cns., 27 lbs.....lb. .14 - —
synth., dms., c.l., works..lb. .08 - —
l.c.l., works.....lb. .09 - —
USP, anesthesia, dms., 27 lbs., lb. .26 - —
USP, 1880, dms.....lb. .39 - .40
washed, dms.....lb. .37 - .38
Ethyl acetate, dms., c.l., frt. alld. lb. .07¼- —
l.c.l., frt. alld.....lb. .08 - —
tanks, frt. alld.....lb. .06½- —
anhyd., dms., c.l., frt. alld.lb. .08½- —
l.c.l., frt. alld.....lb. .09 - —
tanks, frt. alld.....lb. .07¼- —
Acetoacetate, dms., c.l., works. lb. .27½- —
l.c.l., dms., works.....lb. .28 - —
Bromide, tech., dms.....lb. .50 - .55
Caproate, cns.....lb. 1.00 - —
Chloride, dms.....lb. .22 - .24
Cinnamate, cns.....lb. 3.40 - 4.25
Crotonate, dms., works.....lb. 1.00 1.25
Formate, dms.....lb. .27 - .28
Iodide, bots.....lb. 5.55 - 5.70
Lactate, 55-gal. dms., works.lb. .33 - —
5-gal. dms., works.....lb. .36 - —
Oxalate, dms.....lb. .20 - .24
Silicate, l.c.l., dms., works..lb. .77 - —
Ethylcellulose, bgs., 500 lbs. or more, frt. alld. lb. .70 - —
100 lbs., frt. alld.....lb. .75 - —
smaller lots, works.....lb. 1.00 - —
Ethylene bromide, dms.....lb. .65 - .70
Dichloride, dms, c.l., works, E. of Rockies, frt. alld..lb. .0545- —
West of Rockies, same basis..lb. .0595- —
l.c.l., dms., works, E. of Rockies, frt. alld..lb. .0644- —
West of Rockies, same basis..lb. .0694- —
Ethyleneglycol, dms., c.l.....lb. .17 - —
l.c.l. .....lb. .18 - .21
tanks .....lb. .16 - —
Monobutylether, dms., c.l., works lb. .20 - —
l.c.l., works .....lb. .21 - .24
tanks, works .....lb. .19 - —
Monoethylether, dms., c.l., works..lb. .16 - —
l.c.l., works .....lb. .17 - —
tanks, works .....lb. .15 - —
Monoethylether acetate, dms., c.l., works..lb. .14 - —
l.c.l., works .....lb. .15 - —
tanks, works .....lb. .13 - —
Monomethylether, dms., c.l., works..lb. .18 - —
l.c.l., works .....lb. .19 - .22
tanks works .....lb. .17 - —
Ethylidinanilin, dms .....lb. .45 - .47½
Ethylmethyl ketone, dms., c.l., frt. pd. E. of Rocky Mts., lb. .07 - —
l.c.l., same terms.....lb. .07½- —
tanks, same terms.....lb. .06 - —
Ethylorthoparatoluenesulphonamide, bbls..lb. .55 - —
Ethylparatoluenesulphonamide, bbls..lb. .60 - —
Eucalyptol, cns., dms.....lb. .58 - .60
Eucalyptus leaves, bls.....lb. .09 - .10
Eugenol, bgs., cns.....lb. 2.10 - 2.55
Euphorbia, bls.....lb. .06 - .06½

F

Feldspar, enamel, 100 mesh, bulk, works..ton.14.00 -15.00
glass, 20 mesh, bulk, works.ton.11.00 -12.25
pottery, bulk, Me. works...ton.17.00 -19.00
N.C. works.....ton.17.00 -19.00
Fennel seed, French type, bgs., lb. .07¼- .08
Indian, bags.....lb. .07½- .07¾
German, large, bgs.....lb. .18 - .19
small, bgs.....lb. .13 - .14
Fenugreek seed, bgs.....lb. .04¼- .04¾
Ferric sulphate, dms., works.ton.35.00 -40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb. .12½- .13
smaller lots, E. works. lb. .13½- .14
light, cs., 1,000 lbs. or over, works..lb. .14 - .15
smaller lots, E. works.lb. .15 - .16
water white, cs., 1,000 lbs. or over, E. works..lb. .15 - .16
smaller lots, E. works.lb. .16 - .17
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.
Fir balsam, Canada, cns.....gal. 3.75 -13.00
Oregon, bbls.....gal. 1.60 - 1.70
Fish berries, bgs.....lb. .09 - .10
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures unit-ton. 4.00 & .10 Nom.
resale..unit-ton. 3.50 & .10
grd., 11-12% ammon., 12% bone phos., bgs., f.o.b. Balto..ton.56.00 - —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. cst. factories, contracts..unit-ton.3.00 & .50
sardine, meal, Japanese, 11½% ammon., bgs., c.i.f., ports, shipt..ton.48.00 - —
Flake white, bbls., kgs.....lb. .06¾- .09
Fleaseed, French, black, bgs..lb. .10¾- .11
Indian, blonde, bgs.....lb. .10 - .11
Fluorspar, enamel, 96-98%, bgs., ton.33.00 - —
standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mine- ton.....-1.50
import, bulk, Atlantic ports, duty-paid..ton.28.00 -28.50
lump, 85 and 5, dom., bulk., f.o.b. Ill., Ky., mines...ton.21.00 -22.50
powd., 97%, import., bgs., Atlantic ports, duty-paid..ton. No prices.
Formaldehyde, bbls., c.l., works, lb. .05¾- —
l.c.l., works.....lb. .06¼- —
dms., c.l., works.....lb. .05½- —
l.c.l., works.....lb. .06¾- —
tanks, works.....lb. .04½- —
Fringetree bark, bls.....lb. .13 - .14
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines..ton.10.00 - —
import., bgs., c.l., ex dock.ton.28.00 - —
l.c.l., ex whse.....ton.30.00 - —
Furfural, refd., dms., c.l., works, lb. .15 - —
l.c.l., works.....lb. .17½- .20
tech., dms., contracts, 150,000 lbs., works..lb. .10 - —
c.l., works.....lb. .12¼- —
l.c.l., works.....lb. .15 - .20
tanks, works.....lb. .09 - —
Fusel oil, refd., dms., incl., dlvd., lb. .16 - .18
Fustic extract, cryst., bbls....lb. .22 - .26
liquid, bbls.....lb. .09¼- .13
solid, dms.....lb. .17½- .19¼

G

G salt, bbls.....lb. .45 - .48
Galangal root, bls.....lb. .09 - .10
Gall extract, bbls.....lb. .19 - .20
Gambier, common, bgs.....lb. No prices.
plantation, bgs.....lb. .08¾- .09
Cubes, Singapore, bgs.....lb. .10½- —
Extract, bbls.....lb. .08½ Nom.
Gasoline, at refinery:—
Bayonne, US motor, 62-63 octane, tanks..gal. .07 - —
65 octane, tanks.....gal. .07½- —
above 65 octane, tanks.gal. .08 - —
California, 54-58, tanks..gal. .07½- —
Gulf Coast, US motor, bulk, gal. .06½- —
60-62, 390 e.p., bulk, export, gal. .06¼- —
60-62, 400 e.p., bulk, export, gal. .06¼- —
64-66, 375 e.p., bulk, export, gal. .06¾- —
Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05¾- .06
63-67 octane, tanks....gal. .06½- .06¾
68-70 octane, tanks....gal. .06¾- .06⅞
Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04¾- .05¾
63-67 octane, tanks....gal. .05¼- .05¾
68-70 octane, tanks....gal. .05⅞- .06½
60-62, 400 e.p., tanks....gal. .04¾- .05¾
64-66, 375 e.p., tanks....gal. .05 - .05¼
natural, 12-lb. vapor pres., tanks..gal. .05¾- .06
14-lb. v.p., tanks.....gals. .05½- .05¾
18-lb. v.p., tanks.....gal. .04⅞- .05
22-lb. v.p., tanks.....gal. .04½- .04⅝
26-70-lb., v.p., tanks..gal. .04 - .04½
Pennsylvania, US motor, below 60 octane, tanks.....gal. .06 - —
60 octane, tanks.....gal. .07¼- —
52-54, 450 e.p., naphtha, tanks..gal. .05¾- —
54-56, 400 e.p., strt. run, tanks..gal. .05¾- —
Gelatin, silver, cs.....lb. .50 - .55
Gelsemium root, bls.....lb. .12 - .13
Gentian root, bls.....lb. .13 - .14
grd., bbls., bxs.....lb. .14 - .15
powd., bbls., bxs.....lb. .15 - .16
Geraniol, cns., dms.....lb. .75 - 3.00
Geranyl acetate, bots., dms...lb. 1.75 - 2.50
Ginger root, African, bgs....lb. .15 - .15½
Cochin, lemon, bgs.....lb. .15¼- .15½
Jamaica, bold, bgs.....lb. .17 - .17½
grinding, bright, bgs....lb. .15½- .16
medium, bold, bgs.....lb. .16 - .16½
Japanese, bgs.....lb. .16 - .16½
Ginseng fibers, cs.....lb. 1.75 - 3.00
Root, cultivated, cs.....lb. 4.00 - 5.00
wild, Southern, cs.....lb. 6.00 - 7.00
Glauber's salt, anhyd. (see Soda sulphate).
cryst., dom., bgs., bbls., c.l., works..100 lbs. .95 - 1.15
5 tons or over, works...100 lbs. 1.05 - 1.35
less than 5 tons, works..100 lbs. 1.15 - 1.35
import., bgs.....100 lbs. 1.05 - 1.35
Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .14 - —
l.c.l., dlvd.....lb. .14½- —
36/58, bgs., c.l., dlvd.....lb. .14½- —
l.c.l., dlvd.....lb. .15 - —
58/82, bgs., c.l., dlvd.....lb. .15½- —
l.c.l., dlvd.....lb. .16 - —
82/108, bgs., c.l., dlvd....lb. .16 - —
l.c.l., dlvd.....lb. .16½- —
hide, calcimine type, 53 millipoise, 135 jelly grams, bgs., c.l., dlvd., East, Middlewest..lb. .16½- —
l.c.l., same basis.....lb. .17 - —
60/164, bgs., c.l., same basis.lb. .18 - —
l.c.l., same basis.....lb. .18½- —
67/192, bgs., c.l., same basis.lb. .19 - —
l.c.l., same basis.....lb. .19½- —
75/222, bgs., c.l., same basis lb. .20 - —
l.c.l., same basis.....lb. .21 - —
83/251, bgs., c.l., same basis.lb. .21 - —
l.c.l., same basis.....lb. .22 - —
92/283, bgs., c.l., same basis.lb. .22 - —
l.c.l., same basis.....lb. .23 - —
102/315, bgs., c.l., same basis lb. .22½- —
l.c.l., same basis.....lb. .23½- —
113/347, bgs., c.l., same basis lb. .23½- —
l.c.l., same basis.....lb. .24½- —
125/379, bgs., c.l., same basis lb. .24½- —
l.c.l., same basis.....lb. .25½- —
Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
Glycerin, C.P., makers, cns., l.c.l. lb. .23½- .24
dms., extra, c.l.....lb. .21½- —
l.c.l. .....lb. .22 - —
dynamite, dms., extra, c.l....lb. .21½- —
l.c.l. .....lb. .23 - —
saponification, basis 88%, dms. returnable, dlvd..lb. .16 - .16½
soaplye, basis 80%, dms., returnable, dlvd..lb. .14½- .15
yellow, distilled, dms., extra, c.l. lb. .23¾- —
l.c.l. .....lb. .23¾- —
Glycol boriborate, dms.....lb. .26 - —
Phthalate, dms.....lb. .40 - —
Stearate, dms .....lb. .27½- —
Gold, U. S. purchase price....oz.35.00 - —
Chloride, acid brown, bots..oz.20.75 -21.00
yellow, bots.....oz.18.75 -19.00
Gold-soda chloride, photo., bots., oz.13.00 - —
USP IX, bots.....oz.14.50 -14.75
Gold of pleasure seed, bgs.....lb. .16½- .17
Golden seal root, bls.....lb. 2.95 - 3.30
powd., bxs. .....lb. 3.15 - 3.20
Grains of paradise, bgs.....lb. .30 - .31
Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works.lb. .06 - —
bbls., c.l., works.....lb. .06¼- —
l.c.l., works .....lb. .06½- —
powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
bbls., c.l., works.....lb. .02¾- —
l.c.l., works.....lb. .03¼- —
80% graphitic carbon, bgs., c.l., works..lb. .03¼- —
bbls., c.l., works.....lb. .03¾- —
l.c.l., works.....lb. .04½- —
Grease, house, trcs.....lb. .06¾- .06⅞
White, trcs.....lb. .07½- .08½
yellow, trcs.....lb. .06¾- .06⅞
Wool (see Adeps lanae and Degras).

Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .21 - —
6-10%, bbls., same basis.lb. .22 - —
11-15%, bbls., same basis.lb. .23 - —
16-20%, bbls., same basis.lb. .23½- —
21-25%, bbls., same basis.lb. .24 - —
26-30%, bbls., same basis.lb. .24½- —
31-35%, bbls., same basis.lb. .25½- —
36-40%, bbls., same basis.lb. .27 - —
41-45%, bbls., same basis.lb. .28½- —
46-50%, bbls., same basis.lb. .30 - —
over 50%, bbls., same basis lb. .31 - —

Chrome green prices are ½c. higher dlvd. Ala., Fla., Ga., La., (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Texas (Dallas, Ft. Worth, 1½c.; El Paso, 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.

reduced, C.P. color content up 5%, bbls., same basis, lb. .06 - —
6-10%, bbls., same basis.lb. .06¾- —
11-13%, bbls., same basis.lb. .07¼- —
14-16%, bbls., same basis.lb. .07½- —
17-19%, bbls., same basis.lb. .07¾- —
20-21%, bbls., same basis.lb. .08 - —
22-23%, bbls., same basis.lb. .08¼- —
24-25%, bbls., same basis.lb. .08½- —
26-27%, bbls., same basis.lb. .08¾- —
28-29%, bbls., same basis.lb. .09¼- —
30-31%, bbls., same basis.lb. .10 - —
32-33%, bbls., same basis.lb. .11¼- —
34-35%, bbls., same basis.lb. .12½- —
36-40%, bbls., same basis.lb. .14¼- —
41-45%, bbls., same basis.lb. .16¼- —
46-50%, bbls., same basis.lb. .16¾- —
51-55%, bbls., same basis.lb. .17¼- —
56-60%, bbls., same basis.lb. .17¾- —
61-65%, bbls., same basis.lb. .18¾- —
66-70%, bbls., same basis.lb. .19¼- —
71-75%, bbls., same basis.lb. .20¼- —
Chrome, oxide, dom., pure.bbl. .21 - —
ceramic, light shades, bbls., c.l., works..lb. .28 - —
l.c.l. works.....lb. .30 - —
standard grade, bbls., works..lb. .19 - .26
tetrahydroxide, bbls.....lb. .85 - —
Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.
Grindelia robusta, bls.....lb. .08½- .10
Guaiac resin, cs.....lb. .35 - .40
strained, cs.....lb. .90 - 1.00
Wood, bls.....lb. .04 - .06
Guaiacol, liq., djns.....lb. 1.55 - 1.70
Carbonate, fib., dms., 25 lbs.lb. 2.20 - —
kgs, 100 lbs.....lb. 2.15 - —
Guarana, powd., cs.....lb. 1.15 - 1.20
Gum, aloe (see A)
Ammoniac, tears., cs.....lb. .85 - .90
Arabic, amber sorts, cleaned, bgs..lb. .13 - .13½
white, sorts, 1, bgs.....lb. .20 - .30
2, bgs .....lb. .27 - .28
powd., bbls.....lb. .16½- .17
Asafetida (see A)
Asphaltum (see A)
Benzoin, Siam, cs.....lb. 1.40 - 1.65
Sumatra, cs. .....lb. .22 - .25
Camphor (see C)
Chicle, bgs.....lb. .40 - .45
Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N. Y. or San Fran....lb. .46 - —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

2, cloudy, white, bgs., c.l., same basis..lb. .30%- —
3, selected pale straw bold, bgs., c.l., same basis..lb. .20 - —
4, pale bold straw, bgs., c.l., same basis..lb. .19¼- —
5, pale straw bold, bgs., c.l., same basis..lb. .16 - —
6, pale amber bold, bgs., c.l., same basis..lb. .14¾- —
7, pale straw bold, bgs., c.l., same basis..lb. .14¾- —
8, light amber bold, bgs., c.l., same basis..lb. .13½- —
9, medium light amber bold, bgs., c.l., same basis..lb. .10¾- —
10, rescraped hard amber bold, bgs., c.l., same basis, lb. .10½- —
11, hard dark amber bold, bgs., c.l., same basis..lb. .08¼- —
12, selected bold sorts, bgs., c.l., same basis..lb. .07¾- —
13, dark sorts bold, bgs., c.l., same basis..lb. .06¼- —
14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .19¾- —
15, ordinary ivory sorts, bgs., c.l., same basis..lb. .07¼- —
16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¾- —
17, pale fingers, bgs., c.l., same basis..lb. .19 - —
18, pale straw nubs, bgs., c.l., same basis..lb. .12½- —
19, pale straw nubs, bgs., c.l., same basis..lb. .11½- —
20, hard dark amber nubs, bgs., c.l., same basis..lb. .06¼- —
21, ordinary selected nubs, c.l., same basis..lb. .08½- —
22, small mixed nubs, bgs., c.l., same basis..lb. .06¾- —
23, dark mixed nubs, bgs., c.l., same basis..lb. .07¼- —
24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .14¾- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .06¾- —
26, pale bold chips, bgs., c.l., same basis..lb. .06¾- —
27, pale small chips, bgs., c.l., same basis..lb. .06½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .05¼- —
East India, Batu, bold scraped, bgs., c.l., same basis..lb. .06¼- —
unscraped, bgs., c.l., same basis..lb. .04 - —
chips, bgs., c.l., same basis lb. .03¾- —
dust, bgs., c.l., same basis..lb. .03¾- —
nubs and chips, bgs., c.l., same basis..lb. .03¾- —
black, bold, scraped, bgs., c.l., same basis..lb. .06¾- —
unscraped, bgs., c.l., same basis..lb. .04¼- —
nubs and chips, bgs., c.l., same basis..lb. .04¼- —
Hiroe, Macassar, pale, bold, bgs., c.l., same basis.lb. .13 - —
chips, bgs., c.l., same basis..lb. .06½- —
dust.,bgs., c.l., same basis, lb. .03¾- —
nubs, bgs., c.l., same basis..lb. .10¾- —

Gum, copal, East India, Singapore Rasak, bold, bgs., c.l., same basis..lb. .15¾- —
chips, bgs., c.l.,same basis, lb. .04¾- —
dust,bgs.,c.l.,same basis.lb. .03¾- —
nubs,bgs.,c.l.,same basis.lb. .10¾- —
Manila, Boeas, amber and dark, bskts., c.l., same basis..lb. .14 - —
light, bskts., c.l., same basis..lb. .13½- —
Loba A, bskts., c.l., same basis..lb. .10¼- —
B,bskts.,c.l., same basis.lb. .10¼- —
C,bskts.,c.l., same basis.lb. .10¼- —
CNE, bskts., c.l., same basis..lb. .07¾- —
D, bskts., c.l., same basis, lb. .09¾- —
DK, bskts.,c.l., same basis, lb. .07¾- —
DU, bskts., c.l.,same basis, lb. .08¾- —
dust,bskts.,c.l., same basis, lb. .06½- —
Sambas and white split chips, bskts., c.l., same basis..lb. .14¾- —
Singapore, dust, bskts., c.l., same basis..lb. .06¾- —
spirit-soluble, CBB, bskts., c.l., same basis..lb. .08¾- —
DBB,bskts.,c.l.,same basis, lb. .08¾- —
MA, bskts., c.l.,same basis, lb. .07¼- —
MB, bskts.,c.l.,same basis, lb. .06¾- —
WS, bskts.,c.l.,same basis, lb. .08½- —
Philippine Manila, amber sorts, bskts., c.l., same basis...lb. .07¾- —
chips, pale, bskts., c.l., same basis..lb. .08¾- —
small, bskts., c.l., same basis..lb. .07¾- —
extra pale sorts, bskts., c.l., same basis..lb. .09½- —
nubs, bskts., c.l., same basis..lb. .11¾- —
pale, scraped, bskts., c.l., same basis..lb. .11¾- —
seeds and dust, bskts., c.l., same basis..lb. .06½- —
Pontianak, bold, genuine, bgs., same basis..lb. .16 - —
mixed, bgs., c.l., same basis..lb. .14 - —
chips,bgs,c.l.,same basis...lb. .10¼- —
nubs, bgs.,c.l., same basis.lb. .12¾- —
split,bgs.,c.l., same basis..lb. .15¼- —
Dammar, Batavia A, cs, c.l., same basis as copal..lb. .24 - —
A/D, cs., c.l., same basis.lb. .18¾- —
A/E, cs., c.l., same basis.lb. .15¾- —
B, cs., c.l., same basis...lb. .22¼- —
C, cs., c.l., same basis...lb. .18¾- —
D, cs., c.l., same basis...lb. .16¼- —
dust, cs., c.l., same basis.lb. .06¾- —
E, cs., c.l., same basis...lb. .06¼- —
F, cs., c.l., same basis...lb. .06¾- —
Singapore, 1, cs., c.l., same basis..lb. .21¼- —
2, cs., c.l., same basis....lb. .16¼- —
3, cs., c.l., same basis....lb. .05¾- —
chips, cs., c.l., same basis.lb. .12 - —
dust., cs., c.l., same basis.lb. .05¾- —
seeds, cs., c.l., same basis.lb. .09½- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 75,000 lbs., dlvd. lb. .10 - —
c.l., single shipment, dlvd. lb. .10¼- —
l.c.l., dlvd.....lb. .10½- —
Euphorbium, cs.....lb. .17 - .18
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .65 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior, bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaya XXX, bbls., bxs., dms..lb. .27 - .30
XX, bbls., bxs., dms.....lb. .18 - .19
1, bbls., bxs., dms.....lb. .12 - .13
2, bbls., bxs., dms.....lb. .11 - .12
Kauri, brown, XXX, cs., c.l., lb. .60 - —
BX, cs., c.l., same basis..lb. .38 - —
B1, cs., c.l., same basis..lb. .28 - —
B2, cs., c.l., same basis..lb. .24 - —
B3, cs., c.l., same basis..lb. .18½- —
80% chips, cs., c.l., same basis..lb. .13¾- —
pale, XXX, cs., c.l., same basis..lb. .61 - —
1, cs., c.l., same basis..lb. .41 - —
2, cs., c.l., same basis..lb. .24 - —
3, cs., c.l., same basis..lb. .17¾- —
Kino, tins.....lb. 2.00 - 2.10
Mastic, cs., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .40 - .41
Olibanum, siftings, cs.....lb. .07½- .18
tears, cs. .....lb. .13 - .24
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as copal..lb. .33 - .35
Scammony, cs. .....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .27 - .29
sorts, bgs. .....lb. .14½- .15
Talha, bgs. .....lb. .07½- .08
Thus, bbls.....280 lbs.13.75 -14.00
Tragacanth, Aleppo, 1, cs....lb. 2.75 - 3.00
2, cs.....lb. 2.40 - 2.45
3, cs.....lb. 2.35 - 2.40
4, cs.....lb. 2.30 - 2.35
5, cs.....lb. 2.25 - 2.30
Flake, bgs.....lb. .50 - 1.00
Yacca, bgs., c.l., same basis as copal..lb. .03½- —
powd., bgs., c.l., same basis.lb. .04½- —
Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.90 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
Plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
Stucco, paper bgs., c.l., f.o.b. Acme, Texas; Blue Rapids, Kans., Fort Dodge,Ia.; Grand Rapids, Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald, ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import, bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 1.80 - 2.30
Hellebore, white, root, powd., bbls.lb. .12 - .13
Helonias root, bls.....lb. .65 - .67
Hematine crystals, bbls.....lb. .18 - .84
Hemlock extract, 25% tan., bbls.lb. .03 - .03¼
Hempseed, Manchur, bgs.....lb. .04¾- .05
Henbane leaves, bls.....lb. .19 - .20
Henna leaves, bls.....lb. .07 - .08
powd., bbls, bxs.....lb. .10 - .11
Heptane, mixed, 77-115°C., dms., c.l., Group 3..gal. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .08½- —
normal, 86-100°., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms., 1,500 lbs. or more shipments, f.o.b. Perth Amboy or N. Y. C..lb. .35 - —
150 to 1,350 lbs. shipments, same basis..lb. .36 - —
USP, dms., 500 lbs. or more, shipments, same basis, lb. .46 - —
100 to 400 lbs. shipments, same basis..lb. .47 - —
Hexyl acetate, secondary, dms., c.l., frt. pd. E. of Rocky Mts..lb. .13 - —
l.c.l., same terms.....lb. .13½- —
tanks, same terms.....lb. .12 - —
Homatropine hydrobromide, bots., 50 ozs..oz.13.00 - —
25 ozs .....oz.13.50 - —
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago...unit-ton. 3.50 - —
Hops, dom., 1936 crop, bls....lb. .46 - .51
import., 1936 crop, bls.....lb. .55 - .70
Horehound, bls .....lb. .07 - .08
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, bots., 4 ozs.....oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Hydrochloride, bots., 4 ozs...oz.17.25 - —
cns., 16 ozs.....oz.17.00 - —
Sulphate, bots., 4 ozs.....oz.19.25 - —
cns., 16 oz.....oz.19.00 - —
Hydrastis (see Golden seal).
Hydrofuramide, dms., 100 lbs. or more, works..lb. .30 - —
fib. ctns., works.....lb. .40 - —
Hydrogen peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys.,E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, dealers, bbls., dms..lb. .90 - .94
Hydroxycitronellal, cns.....lb. 2.00 - 2.50
Hyoscine hydrobromide, bots..oz.18.00 -19.00
Hyoscyamine, bots.....oz.15.00 - —
Hydrobromide, bots.....oz.15.00 - —
Sulphate, bots.....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .16 - .21
solid, bxs .....lb. .18½- .20½

I

Iceland moss, bls.....lb. .12 - .13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .16½- .19
powd., bbls.....lb. .74½- .85
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, jars, 25 lbs.....lb. 1.15 - —
kgs, 150 lbs.....lb. .90 - —
resubl., bots., 5 lbs.....lb. 1.60 - —
jars, 50 lbs.....lb. 1.50 - —
tincture, USP, bbls., 47 gals., gal. 1.65 - —
cbys., 5 gals.....gal. 1.75 - —
mild, bbls., 47 gals.....gal. .90 - —
cbys., 5 gals.....gal. 1.00 - —
Iodoform, dms., 100 lbs.....lb. 3.75 - —
jrs., 25 lbs.....lb. 3.85 - —
Ionone, bots.....lb. 1.30 - 4.05
Ipecac root, bgs.....lb. 1.30 - 1.35
powd., bxs.....lb. 1.45 - 1.50
Irish moss, ordinary, bls.....lb. .11 - .12
powd., 80-90 mesh, bbls...lb. .24 - .32
prime, bleached, bls.....lb. .19 - .20
Iron acetate, N. F. IV, cbys., 100 lbs..lb. .15 - —
IV, djns., 50 lbs.....lb. .16 - —
Chloride, tech., cryst., bbls., kgs..lb. .05 - .08
USP, cryst., bbls., 500 lbs..lb. .07½- —
kgs., 100 lbs.....lb. .08½- —
solut., USP, cbys., 130 lbs., lb. .06½- —
djns., 50 lbs.....lb. .16 - —
Citrate, USP VIII, pearls, cns., lb. .72 - .75
powd., cns.....lb. .84 - .87
scales, cns.....lb. .77 - .80
Glycerophosphate, bbls., kgs., 1,000 lb. lots..lb. 2.87 - —
smaller lots.....lb. 2.97 - —
cns., 25 lbs.....lb. 3.09 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 3.00
syrup, djns.....lb. .37 - .38
bots. .....lb. .52 - —
Nitrate, comi., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - —
cns. .....lb. .52 - —
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.),
Phosphate, ferric, pearls, cns., 50 lbs..lb. .54 - —
25 lbs.....lb. .57 - —
scales, cns., 50 lbs.....lb. .59 - —
25 lbs.....lb. .62 - —
Ferrous, bbls., 200 lbs.....lb. .35 - —
bxs., 25 lbs.....lb. .40 - —
kgs., 100 lbs.....lb. .37 - —
Pyrophosphate, pearls, cns...lb. .59 - .62
scales, cns.....lb. .64 - .67
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas and ferric sulphate), USP, cryst., bbls., 275 lbs. lb. .04½- —
dms., 100 lbs.....lb. .06½- —
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
green, gran., cns.....lb. .37 - .40
pearls, cns.....lb. .37 - .40
scales, cns.....lb. .47 - .50
Oxalate, bxs.....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Iron-potash oxalate, bbls. ....lb. .42 - —
kgs. .....lb. .44 - —
jars .....lb. .48 - —
Iron-soda oxalate, bxs. .....lb. .31 - —
fib., dms. .....lb. .24½- —
kgs. .....lb. .26½- —
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .43 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.

Green, Chrome—Lead, Red

Isopropyl acetate, dms., c.l., frt. pd. E. of Rocky Mts..lb. .07½- —
l.c.l., same terms.....lb. .08 - —
tanks, same terms.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l., works, frt. alld. E. of Miss R..lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .14 - .15
Jalap root, NF, bls.....lb. .17 - .19
powd., bbls., bxs.....lb. .20 - .21
Juniper berries, bgs.....lb. .05½- .06

K

Kamala, tins.....lb. .38 - .40
Kava kava root, bls.....lb. .15 - .16
Kerosene, at refinery:—
Bayonne, 41-43 w.w.,tanks.gal. .05¾- .06
Gulf ports, p.w., bulk, export. gal. .05 - —
w.w., bulk..gal. .05¼- —
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .04½- .04¾
Oklahoma-Texas, 41-43 w.w., tanks..gal. .03¾- .04¼
42-44 w.w., tanks.....gal. .04½- .04¾
Pennsylvania, 45 w.w., tanks. gal. .04¾- —
46 w.w., tanks.....gal. .04¾- —
47 w.w., tanks.....gal. .05 - —
Kerosene, tankwagon:—
Atlanta .....gal. .13 - —
Boston .....gal. .07¼- —
Chicago .....gal. .101 - —
Cincinnati .....gal. .135 - —
Denver .....gal. .11½- —
Louisville .....gal. .10¼- —
Minneapolis .....gal. .10¼- —
New Orleans.....gal. .14 - —
New York.....gal. .07¾- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 96-98% $MgSO_4$ bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .08 - .09

L

Lady slipper root, bls.....lb. .48 - .50
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.12.00 -12.25
Middlewestern, trcs....100 lbs.10.90 -11.00
Neutral, trcs.....100 lbs.13.00 -13.25
Western, choice, trcs..100 lbs.10.90 -11.00
Compound, trcs.....100 lbs.11.50 -11.75
Larkspur seed, bgs.....lb. .28 - .30
Laurel berries, bls.....lb. .09 - .10
Leaves, Ital., bls.....lb. .04½- .05
Lavender flowers, ordinary, bls.lb. .40 - .45
select, bls.....lb. .55 - .60
Lead acetate, white, broken, bbls..lb. .12½- —
cryst., bbls.....lb. .13½- —
gran., bbls.....lb. .14¼- —
powd., bbls.....lb. .14¼- —
Arsenate, dms., dealers, E. of Rockies..lb. .11½- —
W. of Rockies.....lb. .11½- —
1,000 lbs. or more, dealers dms., E. of Rockies..lb. .12 - —
W. of Rockies....lb. .11¾- —
less than 1,000 lbs., dealers, E. of Rockies..lb. .12½- —
W. of Rockies.....lb. .12¾- —

Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.

Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .07½- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .07¾- —
l.c.l., dlvd., E.....lb. .07¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .08 - —
Carbonate (see Lead, white)
Chloride, pure, bots., 5 lbs..lb. .62 - —
fib. dms., 25 lbs.....lb. .49 - —
Iodide, N. F., V., powd., bots., 5 lbs..lb. 2.52 - —
jars .....lb. 2.40 - —
Linoleate, pale, precip., dms., lb. .19 - —
Metal (see daily quotations in market report)
Metallic, paste, 200-lb. cont., f.o.b. works..lb. .22½- —
5 lb. cont., f.o.b. works..lb. .23½- —
Nitrate, bbls.....lb. .11 - .11½
Oleate, bbls.....lb. .18½- .20
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less, Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
other points.....lb. .09 - —
l.c.l., 5 tons, dlvd., Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash..lb. .09¾- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .10¼- —
Colo., Mont., N. Mex., Wyo.....lb. .10 - —
other points.....lb. .09½- —
smaller lots, dlvd., Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —
97% Pb_3O_4, bbls., c.l., (20 tons) dlvd., Ala., etc., lb. .09½- —
other points....lb. .09¼- —
l.c.l., 5 tons, dlvd., Ala., etc..lb. .10 - —
Ariz., etc.....lb. .10¼- —
Colo., etc.....lb. .10¼- —
other points.....lb. .09¾- —
smaller lots dlvd., Ala., etc..lb. .10½- —
Ariz. .....lb. .11 - —
Colo., ...lb. .10½- —
other points.....lb. .10¼- —
98% Pb_3O_4, bbls., c.l., (20 tons), dlvd., Ala., etc..lb. .09¾- —
other points.....lb. .09½- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .10¼- —
Ariz., etc.....lb. .10¾- —
Colo., etc.....lb. .10½- —
other points.....lb. .10 - —

Lead, Red—Magnesia Hypo.

Lead, red, dry, 98% Pb_3O_4, bbls., l.c.l., smaller lots, dlvd. Ala., etc..lb. .10¾- —
Ariz., etc.....lb. .11¼- —
Colo., etc.....lb. .11 - —
other points.....lb. .10½- —
in oil, steel kegs, 1,000 lbs.lb. .11¾- —
500 lbs.....lb. .12 - —
smaller lots.....lb. .12¾- —
Resinate, fused, 16%, bbls....lb. .09½- —
pale, bbls. .....lb. .11½- —
precip., bbls. .....lb. .16½- —
Stearate, bbls. .....lb. .22 - .23
Sulphate (see Lead, white, basic sulphate).
Titanate, bbls., c.l., f.o.b. works, frt. alld..lb. .12 - —
l.c.l., 5 tons, une delvy, dlvd., lb. .12¼- —
smaller lots.....lb. .12½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .08¼- —
other points .....lb. .08 - —
l.c.l. dlvd. Ariz., etc..lb. .08½- —
other points .....lb. .08¼- —
basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .07¾- —
other points.....lb. .07½- —
l.c.l., dlvd. Ariz., etc..lb. .08 - —
other points.....lb. .07¾- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .11¾- —
500 lbs., dlvd.....lb. .12 - —
smaller lots, dlvd.....lb. .13 - —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs....lb. .17 - .18
powd., bbls .....lb. .27 - .28
Root, bls. .....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .17 - .18
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefonte, Pa. ....ton. 7.00 - —
Berkley, W. Va.....ton. 7.00 - —
California, northern..ton.11.80 - —
southern .....ton.11.45 - —
Cedar Hollow, Pa..ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas.....ton. 8.50 - —
Durbin, Ohio .....ton. 6.50 - —
Eagle Mountain, Va..ton. 6.25 - —
Easton, La. .....ton. 7.00 - —
Farnams, Mass. ....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo. .....ton. 6.50 - —
Keystone, Ala. .....ton. 7.00 - —
Knoxville, Tenn. ...ton. 6.25 - —
Leroy, Minn. .....ton. 8.00 - —
Limedale, Ark. .....ton. 7.00 - —
Longview, Ala. .....ton. 6.25 - —
Marble Cliff, Ohio....ton. 6.50 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va.ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind. .....ton. 6.50 - —
Newala, Ala. .....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich....ton. 7.50 - —
Ripplemead, Va. ....ton. 6.25 - —
Riverton, Va. .....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis. ....ton. 7.00 - —
Sherwood, Wis. ....ton. 7.50 - —
Springfield, Mo. .....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
Lime, hydrated, paper bags, f.o.b. Bellefonte, Pa..ton. 3.50 - —
Berkley, W. Va.....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern..ton.15.30 - —
southern .....ton.13.95 - —
Cedar Hollow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio .....ton. 8.00 - —
Eagle Mountain, Va..ton. 8.50 - —
Easton, La. .....ton. 9.00 - —
Farnams, Mass. ....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo. .....ton. 8.50 - —
Keystone, Ala. .....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark. .....ton. 9.00 - —
Longview, Ala. .....ton. 9.00 - —
Louisville, Ky. .....ton.14.50 - —
Marble Cliff, Ohio...ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Milltown, Ind. .....ton.12.50 - —
Mitchell, Ind. .....ton. 9.00 - —
Newala, Ala. .....ton. 9.00 - —
Pelham, Ala. .....ton. 9.00 - —
Petoisky, Mich. .....ton. 9.00 - —
Port Island, Mich....ton. 9.00 - —
Rapid City, S. D.....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va. .....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Siluria, Ala. .....ton. 9.00 - —
Springfield, Mo. ....ton. 9.00 - —
Woodville, Ohio.....ton. 8.50 - —
spray, paper bgs., f.o.b. Bellefonte, Pa..ton. 9.00 - —
Durbin, Ohio .....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton.11.00 - —
Marble Cliff, Ohio....ton.11.00 - —
Marblehead, Ohio....ton.11.00 - —
Mitchell, Ind. .....ton. 9.00 - —
Lime, spray, paper bags, f.o.b. Scioto, Ohio .....ton. 9.00 - —
Sherwood, Wis. ....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Lime salts (see Calcium)
Lime-sulphur, dry, dealers, bgs., c.l., E. of and incl. N. Dak., S. Dak., Neb., Kan., Okla., Tex..lb. .07½- .08½
dms., same basis.....lb. .10½- —
400 lbs., or more, bgs., same basis..lb. .07¾- .08¾
dms., same basis.....lb. .11 - —
less than 400 lbs., same basis, lb. .08½- .09½
dms., same basis.....lb. .12 - —
solution, dms., consumer, c.l., works, fr't all'd..gal. .13½- .14½
dealer, fr't all'd.....gal. .13 - .16
l.c.l., consumer, fr't all'd, gal. .15 - .18
dealer, fr't all'd.....gal. .14 - .17
tanks, consumer, dlvd...gal. .11½- —
dealer, dlvd.....gal. .11 - —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, cns., 25 lbs...lb. 1.70 - 2.45
Linden flowers, with leaves, bls.lb. .18 - .19
without leaves, bls.....lb. .19 - .20
Linseed cake, bgs., export....ton.28.50 - —
Meal, 32%, dom., bgs.....ton.38.50 - —
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash..lb. .08¼- —
other points .....lb. .08 - —
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash....lb. .08¾- —
Ariz., Idaho, Nev., Utah, and E. of Cascade Mts. in Ore. and Wash..lb. .09¼- —
Colo., Mont., N. Mex., Wyo..lb. .09 - —
other points .....lb. .08½- —
smaller lots, dlvd., Ala., etc..lb. .09¼- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —
Lithium bromide, jars, 25 lbs. lb. 1.70 - 1.75
Carbonate, bbls., 250 lbs....lb. 1.25 - —
kgs., 100 lbs.....lb. 1.30 - —
Chloride, jars, 25 lbs.....lb. 1.65 - 1.70
Citrate, bbls., 250 lbs.....lb. 1.40 - —
fib. dms., 25 lbs.....lb. 1.45 - —
kgs., 100 lbs.....lb. 1.40 - —
Iodide, bots., 5 lbs.....lb. 4.85 - —
jars, 25 lbs.....lb. 4.70 - —
Fluoride, bbls.....lb. 2.10 - 2.25
Lithopone, dom., high-strength, bgs., 20 tons, dlvd. E. or ex whse. Pac. Cst.....lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis.lb. .06¾- —
ordinary, bgs., 20 tons, same basis..lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
bbls., 20 tons, same basis, lb. .04¾- —
smaller lots, same basis.lb. .04¾- —
titanated, bgs., 20 tons, same basis..lb. .05¾- —
smaller lots, same basis.lb. .06¼- —
bbls., 20 tons, same basis, lb. .06¼- —
smaller lots, same basis.lb. .06¾- —
Liverwort leaves, bls.....lb. .18 - .19
Lobelia herb, bls.....lb. .12 - .13
Seed, bgs.....lb. .35 - .36
Logwood extract, cryst., bbls..lb. .18 - .22
liquid, 51°, bbls.....lb. .09½- .11¼
solid bxs.....lb. .15 - .19
Sticks, Haitian, shipt.....ton.24.00 -25.00
Lovage root, dom., bls.....lb. .55 - .65
import, bls.....lb. .35 - .37
Lupulin, N. F., tins.....lb. 1.75 - 2.00
Lycopodium, cs.....lb. 1.30 - 1.35

M

Mace, Banda, cs.....lb. .56 - .57
Batavia, cs.....lb. .48 - .49
Siauw, 1, cs.....lb. .53 - .54
Madder, Dutch, bgs.....lb. .22 - .25
Magnesia arsenate, cs., dms..lb. .18 - .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila..lb. .27 - —
1,000-10,000 lbs., same basis..lb. .28½- —
less than 1,000 lbs., same basis..lb. .30 - —
tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.....lb. .28 - —
1-lb. pkgs., same basis.lb. .38 - —
light, bbls., same basis.lb. .23 - —
1-lb. tins, same basis.lb. .33 - —
USP, heavy, bbls., same basis, lb. .30 - —
1-lb. pkgs., same basis.lb. .40 - —
special, bbls., same basis, lb. .27 - —
super light, bbls., same basis..lb. .30 - —
calcined, USP, import., heavy, pharm., bbls..lb. .50 - —
light, extra, bbls....lb. .36 - .40
standard, bbls.....lb. .30 - —
Carbonate, tech., Zone 1, bgs., c.l..lb. .06¼- —
l.c.l. .....lb. .07 - —
bbls., c.l. .....lb. .07¼- —
l.c.l. .....lb. .08 - —
kgs., c.l. .....lb. .08¾- —
l.c.l. .....lb. .09½- —
Zone 2, bgs., c.l.....lb. .06 - —
l.c.l. .....lb. .06½- —
bbls., c.l. .....lb. .07 - —
l.c.l. .....lb. .07½- —
kgs., c.l. .....lb. .08½- —
l.c.l. .....lb. .09 - —
USP, Zone 1, bbls., c.l.....lb. .08¼- —
l.c.l. .....lb. .09 - —
kgs., c.l. .....lb. .09¾- —
l.c.l. .....lb. .10½- —
Zone 2, works, bbls., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
kgs., c.l.....lb. .09½- —
l.c.l. .....lb. .10 - —

Zone 1:—Mass., Conn., R. I., N. Y., N. J., Pa., Del., and Md. C.l. shipm'ts, full fr't alld. up to, but not exceeding 25c. per 100 lbs., actually paid by customers. On l.c.l. shipm'ts., frt. alld., including dlvd. store-door. Zone 2:—Balance of U. S.

Chloride, flake, dom., bbls., works..ton.39.00 -42.00
Hypophosphite, cns., 100 lbs.lb. 1.45 - —
25 lbs.....lb. 1.50 - —

"FORMULA K" LITHOPONE EXTERIOR PAINT

PROPERLY formulated lithopone exterior paints exhibit the best combination of durability and tint retention so far developed in exterior finishes.

Paints formulated to give freer chalking naturally show greater resistance to checking and cracking failure, but their tint retention is poorer.

Paints formulated to give minimum chalking collect and hold dirt, resist fading somewhat better, but are susceptible to disagreeable checking and cracking failure.

"Ponolith" LR in "Formula K" has demonstrated its value to many paint makers. You, too, can take advantage of this tried and proved method of producing excellent exterior paints.

"Ponolith" LR should be a standard item in your pigment stock. It is an all-utility lithopone suitable for many of your formulas. It has medium consistency, great whitening power in dark vehicles for air dry or baked finishes, fine texture and is easy to grind.

Our technical representatives will be glad to assist in solving your problems on either white pigments or colors.

WHITE PIGMENTS AND KREBS REG. U.S. PAT. OFF. PIGMENTS CHEMICAL DRY COLORS

KREBS PIGMENT & COLOR CORP . . . . 1007 Orange Street, Wilmington, Del.

Magnesia, oxide (see Calcined)
Palmitate, bbls....lb. .33 Nom.
Peroxide, 15%, dms., works..lb. 1.00 - 1.95
Silicate (see Talc)
Silicofluoride, bbls....lb. .09½- .10½
Stearate, bbls., ctns., c.l....lb. .21 - —
1 ton....lb. .22 - —
1,000-2,000 lbs....lb. .23 - —
smaller lots....lb. .24 - —
Sulphate (see Epsom salt)
Magnesite, cal., import, bbls.ton.60.00 -65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewelah, Wash....ton.25.00 - —
Malva flowers, black, bls....lb. .40 - .42
Blue, bls....lb. .45 - .50
Leaves, bls....lb. .12 - .18
Manaca root, bls....lb. .20 - .21
Mandrake root, bls....lb. .16 - —
Manganese acetate, dms....lb. .26½- —
Arsenate, bgs....lb. .12 - .12½
Borate, tech., bbls....lb. .15 - .16
Carbonate, bbls....lb. .21 - .22
Chloride, bbls....lb. .09 - —
Dioxide, Caucasian, 85-90%, bbls., c.l., works..ton.66.50 - —
l.c.l., 5 tons, works..ton.69.50 - —
smaller lots, works.ton.74.50 - —
burlap bgs., c.l., works.ton.64.50 - —
l.c.l., 5 tons, works..ton.67.50 - —
smaller lots, works.ton.72.50 - —
paper bgs., c.l., works.ton.62.50 - —
l.c.l., 5 tons, works.ton.65.50 - —
Glycerophosphate, bbls., kgs., 1,000-lb. lots..lb. 2.61 - —
smaller lots....lb. 2.71 - —
cns., 25 lbs....lb. 2.83 - —
solut., djns., 1,000 lbs. lots, lb. .61 - —
smaller lots....lb. .71 - —
cns., 25 lbs....lb. .81 - —
Hydrate, bbls., dlvd....lb. .32 - —
Iodide, bots., 5 lbs....lb. 5.25 - —
jars, 25 lbs....lb. 5.10 - —
Linoleate, liquid, 4%, dms...lb. .18 - .19½
solid, precip., 8.2%, bbls..lb. .19 - —
Ore, 50-52%, basis, bbls., c.l. Atl. ports..unit-ton. .50 Nom.
Resinate, fused, 3½%, bbls..lb. .08¼- .08½
precip., dms....lb. .12 - —
Sulphate, anhyd., bbls., works, lb. .07 - .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South..ton.48.75 - —
l.c.l., bgs....ton.55.75 - —
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory unit-ton. .75 - —
l.c.l., 5 tons, works...lb. .03½- —
smaller lots, works..lb. .04 - —
Mangrove bark, bgs., shipt..ton.25.00 -26.00
Manna, flake, large, cs....lb. .32 - .33
small, cs....lb. .18 - .19
Mannitol, pure, cryst., cs., works, lb. 1.45 - —
Marble flour, bgs....ton.12.00 -14.00
Marjoram, French, bbls....lb. .17 - .17½
Tunisan, bls....lb. .16 - .16½
Matico leaves, bls....lb. .28 - .30
Menthol, U.S.P., natural, cs..lb. 3.25 - 3.35
synthetic, tech., cs....lb. 2.25 - —
U.S.P., cs....lb. 3.25 - —
liquid, dms., 40 lbs....lb. 1.60 - —
Menthyl salicylate, tins, 100 lb. lots..lb. 3.00 - —
25 lb. lots....lb. 3.10 - —
Mercurial ointment, 30%, pails, 50 lbs....lb. .87 - —
25 lbs....lb. .89 - —
50%, pails, 50 lbs....lb. 1.26 - —
25 lbs....lb. 1.28 - —
Mercury (see Quicksilver).
Bichloride (see Corrosive sublimate).
Bisulphate, bots., 5 lbs....lb. 1.81 - —
fib., dms., 100 lbs....lb. 1.68 - —
jars, 25 lbs....lb. 1.70 - —
Chloride (see Calomel).
Iodide, red, N. F., bots., 5 lbs. lb. 3.67 - —
cns., 25 lbs....lb. 3.55 - —
fib. dms., 100 lbs....lb. 3.55 - —
yellow, bls., 5 lbs....lb. 3.67 - —
cns., 25 lbs....lb. 3.65 - —
fib. dms., 100 lbs....lb. 3.65 - —
Nitrate ointment (see Citrine ointment)
Oxide red, N.F. (see Red precipitate)
tech. (See Red, mercury oxide).
Yellow, dom., tech., bbl....lb. 1.49 - 1.50
USP, fib. dms....lb. 2.01 - 2.03
Mercury and chalk, ctns., 5 lbs., lb. 1.22 - —
fib., dms., 25 lbs....lb. 1.10 - 1.12
Mesityl oxide, cns., works....lb. .25½- .27½
dms., c.l., works....lb. .21 - —
l.c.l., works....lb. .21½- —
tanks, works....lb. .20 - —
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in..pkg. 1.50 - 1.75
Composition, 5½x5½ in.pkg. 1.70 - 1.80
Gold, XX deep, 3⅜x3⅜ in.pkg.14.25 -14.75
3⅜x3⅜ in....pkg.15.50 -16.50
4x4 in....pkg.18.50 -19.00
3⅜x5⅛ in....pkg.21.50 -22.00
5⅛x5⅛ in....pkg.23.50 -24.00
Silver, 3⅜x3⅜ in....pkg. 2.25 - 2.35
Metanitroanilin, kgs....lb. .67 Nom.
Metanitroparatoluidin, bbls....lb. 1.45 - —
Metaphenylenediamine, kgs....lb. .80 - —
Metatoluylenedaimine, kgs....lb. .65 - —
Methanol, denat. grade, dms., c.l., frt. alld., E. of Rockies..gal. .44 - —
tanks, frt. alld., E. of Rockies..gal. .38 - —
pure, nat'l or synth., dms., c.l., Zone 1, frt. alld..gal. .38 - —
2, frt. alld....gal. .41 - —
3, frt. alld....gal. .42 - —
4, frt. alld....gal. .44 - —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .40½- —
2, frt. alld. or dlvd..gal. .47 - —
3, frt. alld. or dlvd..gal. .44½- —
4, frt. alld. or dlvd..gal. .60 - —
tanks, Zone 1, frt. alld.gal. .33 - —
2, frt. alld....gal. .35½- —
3, frt. alld....gal. .36½- —
4, frt. alld....gal. .37 - —
95%, 2c. less than pure, all zones, frt. alld.
97%, 1c. less than pure, all zones, frt. alld.

Methanol sales zones are:—Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

Methyl acetate, 99%, dms., c.l.; frt. alld. E. of Rockies..lb. .16 - —
W. of Rockies....lb. .16½- —
l.c.l., frt. alld. E. of Rockies..lb. .17 - —
W. of Rockies....lb. .17½- —
82%, dms., c.l., frt. alld. E. of Rockies..lb. .13 - —
W. of Rockies....lb. .13½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies....lb. .14½- —
Acetoacetate, dms., c.l., works, frt. alld..lb. .29½- —
Methyl acetone, nat., dms., c.l., contracts, Zone 1..gal. .39 - —
2, ...gal. .42 - —
3, ...gal. .43 - —
4, ...gal. .45 - —
tanks, contracts, Zone 1.gal. .33 - —
2 ....gal. .35½- —
3 ....gal. .36½- —
4 ....gal. .37 - —

Methyl acetone, natural, prices are quoted for direct shipment from refinery f.o.b. shipping point, freight allowed to destination; barrell packing, 2½c. per gal. more, in all brackets. The sale zones are: Zone 1, Conn., Del., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D., Tex., Wyo.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., N. Mex., Mont., Nev., Idaho, Ore., Utah, Wash.

synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .42 - —
2, frt. alld. E. of Rockies gal. .45 - —
3, Pacific coast....gal. .46 - —
l.c.l., Zone 1, frt. alld. E of Rockies..gal. .44½- —
Zone 2, frt. alld. E. of Rockies..gal. .51 - —
3, Pacific Cst....gal. .48½- —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .36 - —
2, ft. alld. E. of Rockies. gal. .38½- —
3, Pacific Coast....gal. .39½- —

Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, Pacific Coast.

Alcohol (see Methanol).
Anthranilate, bots....lb. 1.95 - 2.05
Benzoate, cns, 25 lbs....lb. .70 - 1.00
Chloride, refrigeration, 500 lb. and up, machine mfrs. and jobbers, cylinders.lb. .32- —
service men and consumers, cyl..lb. .36 - —
60 to 490 lbs, cyl., mach. mfrs. and jobbers..lb. .36 - —
service men and consumers, cyl..lb. .40 - —
tanks, multi-unit, mach. mfrs. and jobbers..lb. .31 - —
service men and consumers, lb. .35 - —

Methyl chloride prices are spot or contract, effective Juy 1, for delivery to any common carrier point in United States. Prices above are in 60, 90 and 130 lbs. cylinders. Prices on the 20-lb. cylinders are uniformly 10c. per pound higher than above prices.

Cinnamate, bots....lb. 3.00 - 3.75
Formate, dms....lb. .35 - .36
Iodide, bots., jars....lb. 5.80 - 5.85
Salicylate, dms....lb. .40 - .43
*ins....lb. .42 - .45
Violet toner, bbls. (500 lbs.)..lb. .40 - —
smaller lots....lb. .42 - —
permanent, bbls....lb. .80 - —
Methylbutyl ketone, dms., c.l., frt. pd. E. of Rocky Mts.lb. .11½- —
l.c.l., same terms....lb. .12 - —
tanks, same terms....lb. .10½- —
Methylene blue, medicl., kgs., 100 lbs..lb. 2.00 - —
cns., 5 lbs....lb. 2.35 - —
Chloride, dms., f.o.b. works.lb. .18 - .22
Methylheptenone, bots....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .76 - —
l.c.l. wks....gal. .80 - —
tanks, wks....gal. .70 - —
Methylnaphtyl ketone, cryst., bots..lb. 2.10 - 2.25
Methylpropyl carbinol (see Carbinol)
Ketone, dms., c.l....lb. .16 - —
l.c.l. ....lb. .20 - —
tanks ....lb. .15 - —
Metronite pigment, 120 mesh, containers, extra, c.l., f.o.b. Milwaukee..ton. 9.00 - —
l.c.l., same basis....ton.11.00 - —
180 mesh, containers extra, c.l., same basis..ton.11.00 - —
l.c.l., same basis....ton.13.00 - —
250 mesh, containers, extra, c.l., same basis..ton.13.00 - —
l.c.l.. same basis....ton.15.00 - —
325 mesh, containers extra, c.l., same basis..ton.18.00 - —
l.c.l., same basis....ton.20.00 - —
Mica, dry-grd., plastic, No. 100, 40 mesh, bgs.,c.l., works.ton.35.00 - —
l.c.l. works....ton.43.75 - —
second grade, bgs., c.l., works..ton.33.00 - —
l.c.l., works....ton.41.25 - —
250, 100 mesh, bgs., c.l., works..ton.40.00 -50.00
l.c.l., works....ton.50.00 -60.00
second grade, bgs., c.l., works..ton.23.90 -30.00
l.c.l., works....ton.29.90 -47.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works....ton.62.50 - —
roofing, bgs., c.l., works..ton.23.50 -30.00
l.c.l., works....ton.30.00 -37.50
wet-ground, paint, oil or lacquer, bgs., c.l., dlvd. E....lb. .04¼- —
l.c.l., works....lb. .04½- —
water, bgs., c.l., dlvd. E..lb. .04 - —
l.c.l., works....lb. .04 - —
paper, wall or coated, bgs., c.l., frt. alld., E..lb. .03¾- —
l.c.l., 2,000 lbs., frt. all., E..lb. .04¼- —
smaller lots, frt. alld., E..lb. .04¾- —
rubber, bgs., c.l., frt. alld., E..lb. .03½- —
l.c.l., 2,000 lbs., ft., alld., E..lb. .04 - —
smaller lots, frt. alld., E..lb. .04½- —

wet-ground mica prices are ½c. per pound higher on Pacific coast.

Milk powder, skimmed, roller, bbls., c.l...lb. .07½- —
l.c.l. ....lb. .08½- —
spray, bbls., c.l....lb. .08½- —
l.c.l. ....lb. .09½- —
unskimmed, roller, bbls., c.l..lb. .17 - —
l.c.l. ....lb. .17½- —
spray, bbls., c.l....lb. .17 - —
l.c.l. ....lb. .17½- —
Millet seed, bgs....lb. .02¾- .03
hulled, bgs....lb. .06½- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks..gal. .07¼- —
New Orleans....gal. .07 - —
Molybdate orange (see Orange, molybdate).
Molybdenum metal, kgs., 99% powd..lb. No prices
Monoamylamine, dms., c.l., wks. lb. .52 - —
l.c.l., works....lb. .55 - —
Monochlorobenzene, dms....lb. .06 - .06¼
Monoethanolamine, dms., c.l., works..lb. .26 - —
l.c.l., dms ....lb. .27 - —
tanks ....lb. .25 - —
Monoethylaniliin, dms....lb. .77 Nom.
Monomethylpara-aminophenol sulphate, dms..lb. 3.75 - 4.00
Morphine, bots., 5 ozs....oz.11.10 - —
cns., 25 ozs....oz.10.90 - —
Acetate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Ethylhydrochloride, bots., 5 ozs., oz.10.75 - —
cns., 25 ozs....oz.10.55 - —
Hydrobromide, bots., 5 ozs..oz. 3.95 - —
cns., 25 ozs....oz. 3.75 - —
Sulphate, bots., 5 ozs....oz. 9.00 - —
cns., 25 ozs....oz. 8.80 - —
Mullein flowers, cns....lb. .85 - .90
Leaves, bls....lb. .07 - .08
Musk, nat., Tonquin, grained, bots..oz.21.00 -22.00
pods, caddies, 20 ozs....oz.19.00 -21.00
synth., ambrette, cns., 100 lbs. or more..lb. 3.90 - —
5 lbs. to 75 lbs....lb. 4.20 - —
1 lb....lb. 4.35 - —
Ketone, cns., 100 lbs. or more, lb. 4.05 - —
5 lbs. to 75 lbs....lb. 4.35 - —
1 lb....lb. 4.50 - —
Xylol, cns., 100 lbs. or more lb. 1.15 - —
5 lbs. to 75 lbs....lb. 1.25 - —
1 lb....lb. 1.40 - —
Musk root, bls....lb. .09 - .10
Mustard seed, Bombay, brown, bgs..lb. .06½- .06¾
California, brown, bgs....lb. .0735- .0775
yellow, bgs....lb. No stocks
Chinese, yellow, bgs....lb. .05¾- .06¼
Danish, yellow, bgs....lb. .08 - .08½
Dutch, yellow, bgs....lb. .08 - .08½
English, yellow, bgs....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07¾- .07¾
Roumanian, yellow, bgs....lb. .06 - .06½
Myrobalans, Jl. bgs., shipt..ton.20.00 - —
J, bgs., shipt....ton.20.50 - —
R2, bgs., shipt....ton.20.00 - —
Extract, liquid, 25%, bbls....lb. .04¼- .05¼

N

Naphtha, Painters' (see Petroleum naphtha, V. M. & P.).
Solvent (see S).
Naphthalene, crude, dom., 74 deg., works..100 lbs. 2.50 - 2.75
import., bgs., Atlantic ports, 100 lbs. 2.25 - 2.50
78 deg., dom., bgs., works, 100 lbs. 3.00 - 3.25
import, bgs., Atl. ports, 100 lbs. 2.75 - 3.00
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07¼- —
jobbers, cs., same basis.. lb. .07½- —
pkgs. (16 oz.), same basis. lb. .08 - —
(12 oz.) same basis..pkg. .09¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Narcolin, cryst., cns....lb. 1.25 - 1.35
Nickel carbonate, bbls....lb. .36 - .37½
Chloride, bbls....lb. .18 - .20
Oxide, black, bbls....lb. .35 - .38
Salt, double, bbls....lb. .13 - .13¼
single, bbls....lb. .13 - .13¼
Nicotine sulphate, 40%, dms., works, frt. alld.lb. .76 - —
10-lb. tins....lb. .86½- —
Nitercake, bulk, works....ton.16.00 - —
Nitrobenzene, dbl. dist., dms., l.c.l..lb. .08 - —
l.c.l. ....lb. .09 - —
tanks ....lb. .07½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .30 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., contract, c.l., 18,000 lbs. dry weight, works ....lb. .22 - —
10,000 lbs....lb. .25 - —
spot, bbls., works....lb. .36 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works....lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports..unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., Fall shipt. dlvd. unit-ton. 2.90 - —
Chemical, Ill....unit-ton. 2.85 - —
East Coast producing points..unit-ton. 3.10 - 3.25
import., bgs., c.i.f. Atlantic ports, ship..unit-ton. 3.15 - 3.20
Nitronaphthalene, bbls....lb. .24 - .25
Nitrotoluene, mixed, dms....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs....lb. .20 - .22
Chinese, shipmt., cs....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs....lb. .19¼- .19¾
110s, bgs., cs....lb. .17¼- .17½
West Indian, bgs....lb. .14¼- .14½
Nux vomica, bls....lb. .06 - .07
powd., bbls., bxs....lb. .06¼- .07

O

Oakbark extract, 25% tan., bbls., c. l., works..lb. .03½- —
l.c.l., bbls., works....lb. .03¼- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .13 - —
l.c.l., G.3....gal. .15 - —
tanks, G.3....gal. .10½- —
Octyl acetate, dms., c.l., works.lb. .16 - —
l.c.l., works....lb. .17 - —
tanks, works....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots....lb. 2.75 - 3.00
s.p.a., bots....lb. 3.00 - 3.25
sweet, true, exp., cns....lb. .95 - 1.00
Amber, crude, cns....lb. .16 - .17
refd., cns....lb. .45 - .46
Amyris, cns....lb. 3.00 - 3.25
Angelica root, bots....lb.64.00 -75.00
Seed, bots....lb.70.00 -80.00
Anilin (see A).
Anise, USP, cns., dms....lb. 1.00 Nom.
Apricot kernel, cns....lb. .30 - .31
Babassu, tanks, futures....lb. .07½- .07¾
Bay, W. I., cns....lb. 1.50 - 1.70
Bergamot, artif., cns....lb. 1.25 - 1.30
natural, coppers....lb. 3.70 - 3.80
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).

Magnesia Oxide—Oil, Lard

Oil, birch tar, crude, dms....lb. .14 - .17
rectif'd., cns....lb. .70 - .75
Bois de rose, Brazil, cans...lb. 1.25 - 1.35
Cayenne, cns....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms....lb. .56 - .57
USP IX, cns....lb. .71 - .88
Calamus, cns....lb. 5.50 - 5.75
Camphor, sassafrassy, cns...lb. .22 - .23
dms....lb. .19 - .20
white, cns....lb. .21 - .23
dms....lb. .18 - .19
Cananga, native, cns....lb. 1.75 - 2.25
rectified, cns....lb. 3.00 - 3.25
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns....lb. 2.10 - 2.25
Cardamom, bots....lb.20.00 -38.00
Cassia, USP, cns., dms....lb. 1.15 - 1.20
Castor, blown, one-way dms., c.l..lb. .12¼- —
l.c.l. ....lb. .13 - —
medicinal, bbls., c.l....lb. .10¾- —
l.c.l. ....lb. .11¼- —
cns. (1-gal), l.c.l....lb. .14¼- —
dms. (returnable), c.l....lb. .10¼- —
l.c.l. ....lb. .11¼- —
(5-gal.), l.c.l....lb. .12¼- —
tanks ....lb. .10 - —
No. 3, bbls., c.l....lb. .10¼- —
l.c.l. ....lb. .11 - —
dms. (returnable), c.l..lb. .10 - —
l.c.l. ....lb. .10¾- —
tanks ....lb. .09¼- —

Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c. higher than N. Y.; l.c.l. prices ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.

sulphonated, 50% (42% fat), dms., c.l..lb. .08 - —
l.c.l. ....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11¾- —
l.c.l. ....lb. .12 - —
80% (68% fat), dms., c.l..lb. .12¼- —
l.c.l. ....lb. .13 - —
Cedarleaf, cns....lb. 1.00 - 1.15
dms....lb. .95 - 1.10
Cedarwood, Oregon, cns., dms., lb. .28 - .30
Southern, cns., dms....lb. .24 - .26
Celery, bots....lb.10.50 -12.50
Chaulmoogra, USP, cns, 500 lbs..lb. .90 - —
25 lbs....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .19 Nom.
tanks ....lb. .19 Nom.
Cinnamon, Ceylon, bots....lb. 8.00 -22.00
Seychelle, bots....lb. 6.50 - 7.50
Citronella, Ceylon, cns....lb. .44 - .46
dms....lb. .42 - .44
Java, dms....lb. .50 - .52
Clove, makers, USP, cns....lb. 1.17 - —
dms....lb. 1.15 - —
Coconut, Manila, crude November, forward, tanks..lb. .04¼- —
Pac. Cst....lb. .04 Nom.
edible, 76°, tax incl., dms., (returnable), c.l..lb. .10 - —
l.c.l. ....lb. .10½- —
tanks ....lb. .09½- —
Cod, Newfoundland, tanked, bbls...gal. .52 Nom.
Norwegian, shipt., bbls...gal. .42 Nom.
Codliver, med., USP, Norwegian, bbls..bbl.25.00 -27.00
for feed purposes, not USP, dms..gal. .50 - .65
Coriander, bots....lb.24.00 -25.00
Corn, crude, tanks, works....lb. .07½Nom.
refd., bbls....lb. .10½Nom.
Cottonseed, dom., cooking, bbls. lb. .09¼- —
salad, bbls....lb. .09¾- —
import., Brazilian semi-refd. dms..lb. .05 Nom.
British, semi-refd., dms..lb. .06 Nom.
Creosote (see C).
Croton, USP, cns....lb. 1.30 - 1.35
Cubeb, USP, cns....lb. 2.85 - 3.10
Crude (see Petroleum, crude).
Cumin, bots....lb. 8.50 -10.00
Cypress, dom., bots....lb. 5.25 - 5.50
import., cns....lb.12.00 -12.25
Degras (see D)
Diesel, Bayonne, bulk....bbl. 2.20 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots....lb. 8.15 - 8.50
Weed, bots....lb. 5.00 - 5.50
Dip (See D):—
Erigeron, cns....lb. 1.75 - 1.80
Eucalyptus, cns....lb. .45 - .54
dms....lb. .43 - .51
Fennel, sweet, cns....lb. 1.20 - 1.30
Fuel, bunker, California, tidewater..bbl. .85 - .95
Gulf Coast....bbl. 1.00 - 1.05
Louisiana - Arkansas, 10-14, bbl. .65 - .75

N. Y. and N. J. terminals:—
Monday ....bbl. 1.35 - 1.50
Tuesday ....bbl. 1.35 - 1.50
Wednesday ....bbl. 1.35 - 1.50
Thursday ....bbl. 1.35 - 1.50
Friday ....bbl. 1.35 - 1.50
Saturday ....bbl. 1.35 - 1.50
North Texas, 18-22....bbl. .80 - .85
24-28, zero cold test....bbl. .95 - 1.05
Oklahoma, 18-22....bbl. .85 - .90
24-28, zero cold test...bbl. 1.07½- 1.12½
24-28, 15 and above....bbl. .90 - .95
Pennsylvania, 36-40....gal. .04⅝- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .05 - —
2, bulk, same basis....gal. .04⅞- .05½
3, bulk, same basis....gal. .04⅞- .05½
4, bulk, same basis....gal. .04⅝- .04⅞
Louisiana - Arkansas, 32 - 36, light straw..gal. .03⅞- .04
Oklahoma, 28-30....gal. .03¼- .03½
32-36 ....gal. .03¼- .03⅝
36-38 ....gal. .03⅜- .03⅝
38-40, straw....gal. .03⅝- .04
38-40 zero, 60 e.p....gal. .03¾- .04
Fusel (see F).
Gas, Bayonne, bulk....gal. .04⅝- —
Gulf Coast, bulk....gal. .03½- .03⅝
North Texas, bulk....gal. .02¾- .03
Oklahoma, bulk....gal. .02⅞- .03⅛
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.00 - 4.75
Bourbon, cns....lb. 3.75 - 4.00
Turkish (see Palmarosa).
Grapefruit, cns....lb. 2.20 - 3.00
Ginger, dist., bots....lb. 8.00 - 8.50
Guaiac wood, concrete, bots.lb. 3.10 - 3.15
Haarlem, dom., bots....gross 3.25 - 3.35
import, bots....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns....lb. 1.05 - 1.10
Juniper berry, USP, cns....lb. 1.20 - 1.75
Wood, tech., cns....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .43 - .45
cns. ....lb. .48 - .50
Lard, common, 1, bbls....lb. .11¼- —
2, bbls....lb. .11 - —
extra, bbls....lb. .12¾- —
1, bbls....lb. .11½- —
headlight, burning, bbls....lb. .14 - —
prime, ed., bbls....lb. .15 - —
ined., bbls....lb. .14 - —
winter, strained, extra bbls., lb. .13¼- —
prime, bbls....lb. .13½- —

Oil, Laurel—Orange Mineral

Oil, Laurel, bots.....lb. 6.50- 6.75
Lavandin, cns., 25 lbs.....lb. 2.70 - —
Lavender flower, French, USP, 50% ester, cns..lb. 6.00 - 7.50
U.S.P., 38-42% ester, cns.lb. 5.25 - 6.00
XI, 35% ester, cns....lb. 4.00 - 4.50
XI, 30% ester, cns....lb. 2.80 - 3.00
IX, 30% ester, cns...lb. 2.65 - 2.75
VIII, 30% ester, cns....lb. 2.25 - 2.35
garden, cns.....lb. .42 - .45
Spike, Spanish, tech., cns..lb. 1.05 - 1.10
dms .....lb. .95 - 1.10
Lemon, Calif., cng.....lb. 2.75 - —
Messina, coppers, cns.....lb. 3.50 - 3.75
Lemongrass, native, cns., dms. lb. .40 - .50
Lime, dist., cns.....lb. 6.10 - 6.50
expressed, cans.....lb. 9.50 -10.25
Linaloe wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .1120- —
L.c.l., 5 or more.....lb. .1160- —
less than 5.....lb. .1200- .1220
tanks .....lb. .1060- —
double boiled, bbls., less than 5..lbs. .1220- .1240
raw, bbls., c.l.....lb. .1080- —
l.c.l., 5 or more.....lb. .1120- —
less than 5.....lb. .1160- —
tanks .....lb. .1020- —
Lovage, bots.....lb.41.25 -72.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70, 80, 100, vis., dms..gal. .20 - —
140 vis., dms.....gal. .25 - —
green, pale, 750, 900 vis., dms..gal. .26 - —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., dms..gal. .26 - —
Oil, lubricating, at refinery, Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20 - —
150-160 D, 0-10 pour tanks..gal. .23 - —
15-25 pour, tanks..gal. .22½- —
150-160 E, 15-25 pour, tanks..gal. .22 - —
190-200 D, 15-25 pour, tanks..gal. .26 - —
200-210 E, 15-25 pour, tanks..gal. .25 - —
neutrals, 0-40 pour, 150 vis., 3 color, tans..gal. .18 - —
180 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
200 vis., 3 color, tanks, gal. .14½- —
4 color, tanks....gal. .14 - —
250 vis., 3 color, tanks, gal. .15½- —
4 color, tanks....gal. .15 - —
280 vis., 3 color, tanks, gal. .16½- —
4 color, tanks....gal. .16 - —
300 vis., 3½, color, tanks..gal. .17 - —
350 vis., same basis.gal. .17½- —
400 vis., same basis.gal. .18 - —
500 vis., same basis.gal. .18½- —
600 vis., same basis.gal. .19 - —
15-25 pour prices are ½c. per gallon higher than zero to 10° pour.
Penn., bright, 600 cold test, 10-40 pour, tanks..gal. .24 - —
10-15 pour, tanks..gal. .25 - —
cylinder, 600 fire, tanks. gal. .17½- —
600 flash, tanks.....gal. .21 - —
630 flash, tanks.....gal. .24½- —
635 fire, tanks.....gal. .18½- —
650 fire, tanks.....gal. .20 - —
Warren, E, amber, tanks, gal. .21 - —
neutral, 150 vis., 3 color, tanks..gal. .24 - —
180 vis.,3 color,tanks.gal. .26 - —
200 vis.,2 color,tanks.gal. .28½- —
Oil, lubricating, spot, Penna., bright, bbls., c.l., f.a.s..gal. .32 - —
unfiltered, 600 s.r., bbls., f.a.s..gal. .28 - —
600 flash, s.r., bbls., c.l., gal. .30½- —
650 s.r., bbls., c.l., f.a.s., gal. .28 - —
Warren, E. bbls., c.l.,f.a.s. gal. .30 - —
smaller lots, f.o.b.gal. .32½- —
Mace, dist., cns., dms.....lb. 1.25 - 1.30
Mandarin, superior, coppers..lb. 8.10 - 8.25
Baito..gal. .37½-Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
blown, dms.....lb. .0800- —
kettle-bodied, dms.....lb. .0900- —
light pressed, dms.....lb. .0740- —
tanks .....lb. .0670- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., cns...lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .90 - .95
Neatsfoot, cold test, bbls....lb. .17¼- —
extra, bbls.....lb. .12 - —
1, bbls.....lb. .11½- —
pure, bbls.....lb. .12¾- —
special, bbls.....lb. .13 - —
sulphonated, common, 25% moisture, dms..lb. .10¼- —
Neroli, bots.....lb.115.00 -140.00
Nutmeg, USP, cns., dms....lb. 1.25 - 1.30
Oiticica, dms.....lb. .15 Nom.
futures .....lb. .14½ Nom.
Oleo, 1, bbls.....lb.13.00 - —
2, bbls. .....lb.12.25 - —
Olibanum, bots.....lb. 5.00 - 5.25
Olive, denat., bbls.....gal. 1.30 -Nom.
edible, bbls.....gal. 2.40 Nom.
foots, bbls.....lb. .10¾ Nom.
sulphonated, 50% (43% fat), dms., c.l..lb. .12 - —
l.c.l. .....lb. .12½- —
75% (63% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
80% (68% fat), dms., c.l..lb. .16½- —
l.c.l. .....lb. .17 - —
Oil, orange, sweet, dist., cs..lb. .90 - —
expressed, African, cns., dms..lb. 1.90 - 2.00
Calif., cns.....lb. 2.50 - —
Florida, cns.....lb. 2.50 - 2.65
Messina, USP, coppers.lb. 3.00 - 4.10
West India, cns.....lb. 2.25 - 2.30
Origanum, Spanish, cns.....lb. .90 - 1.60
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .05 Nom.
shipment .....lb. .04¾ Nom.
softs, 12½%, bulk shipt....lb. .0440Nom.
20%, bulk, shipt.....lb. .0435Nom.
Sumatra, shipment, bulk...lb. .04¾ Nom.
Palmarosa, cns.....lb. 2.90 - 3.00
Palmkernel, bulk, shipt.....lb. .05 Nom.
Paraffin, 320° flash, 60-70 vis., tanks, G. S..gal. .06¼- —
330° flash, 70-80 vis., tanks, G. S..gal. .06¼- —
80-85 vis., bbls., extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. S..gal. .05¾- —
Patchouli, bots., cns.....lb. 6.00 - 8.50
Peanut, crude, dom., tanks, works..lb. .07½Nom.
refd., edible, bbls.....lb. .11½Nom.
Pennyroyal, dom., cns.....lb. 1.55 - 1.60
import, cns.....lb. 1.40 - 1.45
Peppermint, natural, cns., dms. lb. 2.55 - 2.80
redist., USP, cns., dms...lb. 2.85 - 3.10
Perilla, dms.....lb. .13¾ Nom.
tanks .....lb. .13¼ Nom.
Petitgrain, Paraguay, cns...lb. 1.10 - 1.25
Pimento berry, cns.....lb. 3.75 - 4.00
leaf, cns.....lb. 2.50 - 2.60
Pine, dest.-dist., straw-color, dms., dlvd., E. ports...gal. .52 - .56
steam-dist., dms.....gal. .60 - —
tanks .....gal. .64 - —
Pineneedle, Siberian, cns....lb. 1.00 - 1.05
Putty, bbls., El Segundo, Richmond, Cal..gal. .22½- —
contracts .....gal. .19½- —
Whiting, Ind.....gal. .28 - —
dms., c.l., Bost., Provid..gal. .25 - —
l.c.l., same basis.....gal. .27 - —
tanks, same basis.....gal. .18 - —
Martinez, Cal.....gal. .28 - —
Rapeseed, blown, bbls.....lb. .14¼- .14½
denat., bbls.....gal. .95 - .96
Red, dist. or saponif., bbls., dlvd..lb. .10⅞- .11⅞
dms., dlvd.....lb. .10⅜- .11⅜
tanks, dlvd.....lb. .10 - —
white, dms.....lb. .13⅜- .14¼
Rose, artif., bots.....oz. 2.00 - 8.00
natural, coppers.....oz. 5.25 -22.50
Rosemary, Spanish, cns.....lb. .56 - .75
dms., ...lb. .51 Nom.
Rosin, 1st rectfd., dms....gal. .58 - .60
2d rectfd., dms.....gal. .60 - .62
3d rectfd., dms.....gal. .64 - .66
Rue, bots.....lb. 2.15 - 2.20
Sage, cns.....lb. 1.65 - 1.70
Sandalwood, Australia, cns..lb. 4.50 - 5.00
E.I., USP, cns.....lb. 5.25 - 5.50
Sardine, crude, tanks, Pac. Cst., gal. .36 Nom.
refd., alkali, dms.....lb. .0800- —
tanks .....lb. .0740- —
kettle-bodied, dms.....lb. .0900- —
light, pressed, dms.....lb. .0740- —
tanks .....lb. .0670- —
Sassafras, artif., cns.....lb. .41 - .42
dms. .....lb. .39 - .40
natural, cns., dms.....lb. .90 - 1.05
Savin, cns.....lb. 1.50 - 1.60
Savory, cns .....lb. 3.15 - 3.20
Sesame, dom., refd., white, dms. lb. .11½Nom.
Shingle stain, bbls., c.l., works..gal. .18 - —
l.c.l., works.....gal. .14 - —
tanks, works.....gal. .14 - —
Snakeroot, Canada, cns.....lb.10.00 -11.00
Soybean, dom., crude, dms..lb. .0910- .0950
tanks .....lb. .0850- —
refd., dms.....lb. .1010- .1050
tanks .....lb. .0950- —
Spearmint, USP, cns.....lb. 2.00 - 2.05
Sperm, bleach, 38°, dms....lb. .1000- .1020
45°, dms .....lb. .0930- .0950
natural, dms.....lb. .0880- .0900
Spruce, cans.....lb. 1.05 - 1.10
Sweet birch, North, cns.....lb. 3.25 - 3.50
South, cns .....lb. 1.65 - 2.00
Tallow, acidless, bbls.....lb. .11¼- —
tanks .....lb. .10¾- —
Tansy, cns.....lb. 4.25 - 4.30
Tar, com'l, dms., c.d., dlvd., E. cities..gal. .26 - —
E. ports.....gal. .25 - —
l.c.l. .....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
rectfd., USP, bbls., dlvd. E. ports..gal. .50 - —
Tar acid (see T)
Teaseed, crude, dms.....lb. .09¼- .09½
refined, dms .....lb. .12¼- .12⅝
Thyme, NF, red, dms.....lb. .85 - 1.50
white, dms .....lb. .85 - 1.70
Tung (see Oil, chinawood)
Turkey red (see Oil, castor, sulphonated).
Turpentine (see T)
Turtle, cns.....gal. 4.25 - 5.00
Valerian, bots.....lb.12.00 -14.00
Vetiver, bots.....lb. 9.00 -16.50
Walnut, crude, dms.....lb. .12 Nom.
refd., dms.....lb. .13 Nom.
Whale, refd., natural, dms..lb. .0940- .0960
winter, bleach, dms.....lb. .0980- .1000
Wheat germ, cns., dms....gal.27.50 -30.00
White mineral, dom., tech., 50-60 vis., dms.....gal. .42 - .44
65-75 vis., dms.....gal. .44 - .46
80-90 vis., dms.....gal. .45 - .47
U.S.P., 80-90 vis., dms.gal. .54 - .56
95-105 vis., dms.....gal. .63 - .65
125-135 vis., dms.....gal. .75½- .77½
140-150 vis., dms.....gal. .76½- .78½
175-185 vis., dms.....gal. .78½- .80¼
200-210 vis., dms.....gal. .80 - .82
320-330 vis., dms.....gal. .85½- 87½
335-345 vis., dms.....gal. .87 - .89
Russian, 80-90 vis., dms. gal. 54- —
145-155 vis., dms.....gal. .74½- —
175-185 vis., dms.....gal. .76½- —
335-345 vis., dms.....gal. .85 - —
Wintergreen, natural, North, cns..lb. 4.00 - 8.00
South, cns.....lb. 3.35 - 3.75
synth. (see Methyl salicylate).
Wood (see Oil, chinawood).
Wormseed, cns.....lb. 2.70 - 2.75
Wormwood, cns.....lb. 2.90 - 3.00
Ylang-ylang, Bourb., bots., cns. lb. 3.50 - 6.00
Manila, bots. .....lb.18.00 -24.00
Opium, USP, cns.....lb.11.50 -12.50
gran., cns.....lb.12.50 -13.50
powd., cns.....lb.12.50 -13.50
Orange, chrome (see Yellow, chrome).
Lake, Persian, bbls.....lb. .30 - .45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash....lb. .12¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash. .....lb. .12¾- —
Colo., Mont., N.M.,Wyo. lb. .12½- —
Other points .....lb. .12 - —

Store Your Bulk Liquids with Absolute Safety

Your bulk liquids are safe when stored in any of the five strategically located General American terminals. Each drop is carefully protected. Separate pumps and lines are used for dissimilar commodities.

These terminals are manned by a carefully trained personnel. General American safeguards your products with every precaution offered by modern equipment and experienced handling.

GENERAL AMERICAN
TANK STORAGE TERMINALS

Can Handle Anything That Will Flow Through a Pipe Line

TERMINALS
Goodhope, La., Westwego, La.
Corpus Christi & Houston, Tex.
Carteret, N. J.

GATX GENERAL AMERICAN

OFFICE
135 South LaSalle Street
Chicago

A division of General American Transportation Corporation

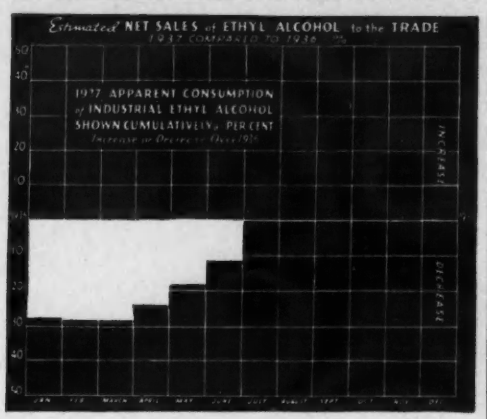
ADVERTISEMENT—*This entire page is a paid advertisement.*

Prepared Monthly by the U. S. Industrial Chemical Co., Inc.

SOLVENT NEWS

Reg. U. S. Pat. Off.

SEPTEMBER ★ A Monthly Series of Articles for Chemists and Executives of the Solvent-Consuming Industries ★ 1937



Apparent consumption of industrial ethyl alcohol from Jan. 1 to June 30, 1937, was 26,751,000 wine gallons. This is 11.5 per cent less than during the same period in 1936 when 29,862,000 wine gallons were consumed.

BLAZE PREVENTED BY FIRE-PROOFING PAINT

Complete fire-proofing is claimed for paint made with a new flame-proofing ingredient. At a recent demonstration in Detroit, two test buildings were erected and their exteriors set afire. According to reports, one building, painted with ordinary paint, was completely destroyed, while the other, painted with the new mixture, failed to burn. The inventor of the ingredient states that it mixes readily with any type of paint or its thinner.

PRODUCE 170,438 LBS. HANSA YELLOW IN '36

Hansa Yellow continued to be one of the most important yellow organic pigments produced in 1936, according to statistics now available.

Production of Hansa Yellow during 1936 amounted to 170,438 pounds, the report discloses. During the same period sales of Hansa Yellow totalled 156,674 pounds. This represents an aggregate value of $211,941, based on a unit value of $1.35 per pound, the report continues.

The U. S. Industrial Chemical Co., Inc., has specialized in the manufacture of several important Hansa Yellow intermediates for a number of years. Among the products U.S.I. now offers are acetoacetanilid, acetoacet-o-chloranilid and acetoacet-o-toluidid.

U.S.I. ADVERTISING HEAD TO JUDGE POSTER ART

Outdoor Advertising, Inc., national sales representatives for the billboard media, have appointed Leslie S. Gillette, advertising manager of U.S.I. to serve on its Jury of Awards to judge outstanding merit in outdoor advertising design. The U. S. Industrial Alcohol Co. is the largest user of outdoor advertising in the anti-freeze field.

The competition, which is open only to Art Directors of recognized advertising agencies, closes Friday, October 1, 1937. This year $6,000 in prizes and 15 awards will be given for the best 24 sheet posters.

RUBBER-LIKE PAPER MADE WITH POLYMER

Stronger, Water-proof and Less Flammable—Manufacturer Reports

A process for coating paper with a thin film of polymerized vinyl halide—a rubber-like material already used for lining acid tanks and plating racks—has been developed, it was announced recently.

The coating material, known as Koroseal, is applied by means of a strong adhesive, according to the report. Forty pound Kraft paper is recommended.

Paper coated in this manner is said to be oil-, grease- and water-proof, as well as stable to light and air. Because of these properties, it is expected that packaging foodstuffs and medicines will be important applications.

Continuing his description, the manufacturer points out that the coating is less flammable than the paper to which it is attached. Greater tear resistance is another feature, he emphasized.

Standard specifications for Koroseal paper, as released by the manufacturer, are overall thickness, .006 to .0065 inch; weight, .308 pounds per lineal yard; size, rolls 200 yards long and 40 inches wide.

ROAD MARKINGS "GLOW" WITH NEW GLASS BEADS

Material for road-marking said to be 2,000 times as luminous at night, as any type of marking paint and more visible and lasting by day was demonstrated recently before state and municipal officials in several states. The material consists of a binder on which are spread, while wet, tiny glass spheres. It is reported that the line can be subjected to traffic twenty minutes after marking. (Ed. Note—Another article on this development will appear in the October issue of SOLVENT NEWS.

New C. D. Prices

Effective August 9, prices were announced for Completely Denatured Alcohol for the anti-freeze season of 1937-38, based on carload drums at 35c a gallon F.O.B. production points. Pacific Coast price schedules are 3c a gallon higher.

STRONG CAMPAIGN FOR SUPER PYRO NOW UNDER WAY

U.S.I. Expects 30% Increase In Sales, 6,000,000 Users, For Popular Anti-freeze

Six million Super Pyro users in 1937 is the goal at which the U. S. Industrial Alcohol Co. is aiming with release of its latest advertising and sales program for its premium quality, popular-priced anti-freeze.

This marks the fifth year for Super Pyro. When first introduced in 1933, Super Pyro was sold to 800,000 motorists. With increasing expenditures for advertising and promotion in succeeding years, this number jumped to 4,600,000 in 1936, making a total of 11,000,000 users in four years.

Raise Distributors' Commissions

Although prices of most dealer products have been raised, the price of Super Pyro to dealers and consumers remains the same as in preceding years. The commissions for distributors, however, has been raised 1%, making a total of 25% return for sales of 54- and 5-gal. drums and 24% on gallon and quart cans.

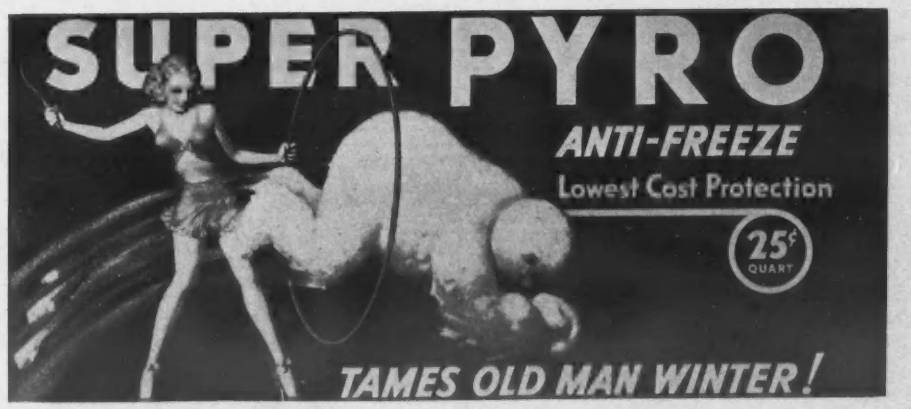
The current price schedule for dealers (east of Rocky Mountains) is 54¢ per gallon in 54 gal. drums; 60¢ in 5 gals. and 1 gal. round cans; and 65¢ in 1 qt. round cans. The consumer price is 25¢ per quart or $1.00 per gal.

Retain Special Features

There have been no changes in Super Pyro since it was introduced in 1933. It consists essentially of 200° proof denatured ethanol formulated with an exclusive, patented rust inhibitor which protects all six metals of the cooling system against rust, corrosion and electrolytic action. A special feature is a soluble oil which retards evaporation.

U.S.I.'s magazine campaign for 1937 includes schedules in the *Saturday Evening Post, Collier's, Life, Liberty, Country Gentleman* and *American Weekly*. Each magazine

(*Continued on next page*)



"OLD MAN WINTER," now identified in the minds of millions of motorists with Super Pyro anti-freeze, will again be featured on 24-sheet posters in U.S.I.'s 1937 campaign. The first of two designs to appear on approximately 10,000 billboards in the cold areas is reproduced above.

ADVERTISEMENT—*This entire page is a paid advertisement.*

SEPTEMBER ★ SOLVENT NEWS ★ 1937

MAKE GERMICIDE FROM AMYL ALCOHOL, CRESOL

A general antiseptic of which the chief components are amyl alcohol and cresol is nontoxic or injurious to humans in effective germicidal concentrations, it is claimed in a recent patent.

It may be produced by condensing U.S.P. cresol with amyl alcohol in the presence of zinc chloride, according to the patentee:

While other alcohols are also mentioned, the patent specifically refers to amyl alcohol as the one which produces the most general antiseptic. Normal, secondary, iso-amyl and tertiary amyl alcohols are all asserted to be satisfactory.

The germicidal strength of the fraction is said to vary inversely to the strength of the alkali solution which will separate it from the remainder of the condensation product.

STRONG SUPER PYRO CAMPAIGN UNDER WAY

(*Continued from previous page*)

on the list will carry a minimum of three insertions, making a total of 70,000,000 advertisements reaching 16,000,000 readers.

This year U.S.I. continues to maintain its position as the pioneer and largest user of billboards in the anti-freeze field. An expanded campaign which comprises 10,000 boards in 200 cities and towns is being used.

Dealer material as in previous Super Pyro campaigns features a deluxe kit for dealers taking initial delivery of 80 gallons. A novel feature of this kit is the giant Pyrograph (right)—a special display sign which automatically computes the amount of Super Pyro needed for any car. Other materials in the deluxe dealer kit include a 3x5 feet weatherproof banner, pennants, leaflets, streamers and charts.

The dealer selling program is already well under way and current orders, ahead of last year's, point to U.S.I.'s exceeding its increased quota.

Pyrograph Sign

Water-Soluble Cellulose Salts For Backing Films

The metallic salts of dicarboxylic acid esters of cellulose form a valuable antihalation backing for photographic film, a recent patent discloses. They may be dyed to form a colored layer which is removed in the water in developing the film.

A typical salt is cellulose acetate sodium phthalate. Other uses suggested for these salts are in sizing or adhesive compositions or as a vehicle for carrying dyes or pigments.

ESTIMATE CAMPHOR BY NEW COLOR REACTION

Alcoholic solutions of camphor with furfural in the presence of sulphuric acid exhibit a bluish-violet color which varies in intensity according to the camphor content, it was announced recently.

This new color reaction, according to the report, may be used for colorimetric analysis by the following procedure. To 1 c.c. of the solution under examination is added 3 c.c. of 95% alcohol and 2 drops of 1% alcoholic solution of furfural. This mixture is stirred with the addition of 2 c.c. of strong sulphuric acid and boiled 5 minutes over a water bath. When the solution has cooled, 5 c.c. of alcohol is added.

The liquid obtained is compared against camphor solutions of known strength, using an absorption colorimeter, the report concludes.

A folder describing a method for determining the viscosities of 10% ½ second R. S. nitrocellulose solutions made with various solvents together with tables of viscosities of alcohol-water mixtures and sucrose solutions may be obtained by writing to U.S.I.

TECHNICAL DEVELOPMENTS

Further information on these items may be obtained by writing to U.S.I.

Three new grades of aluminum stearate are said to have the stearic acid content so regulated that the jelling effect produced may be regulated over a wide range by simple blending. They range from a mono-acid stearate, which is the most basic of the series, to a tri-acid stearate, the most acid. **(No. 1)**

U S I

The moisture content of wood, in the range 7 to 24 per cent, is easy to determine with a new portable electrical instrument, according to the manufacturer's description. The instrument is calibrated so that direct percentage readings at any one of 10 stages may be made. **(No. 2)**

U S I

Hammered metal finishes can be produced by adding a new paint vehicle to metallic powders, a vehicle manufacturer reports. When aluminum powder is used, for example, two coats of the mixture are sprayed on followed by a finishing coat of dull or clear varnish depending on the surface effect desired. **(No. 3)**

U S I

An excellent adhesive for water-proofed as well as porous material is said to result from the addition of a new solution to ordinary flour paste. According to the manufacturers of the solution, it penetrates the pyroxylin coating to form a strong bond. **(No. 4)**

U S I

A water-white unsaturated fatty acid said to be especially suited for preparing the white alkyd resins is now available commercially. The manufacturer claims superior drying qualities for the new product when incorporated in resins because it contains less than two per cent of saturated acids. **(No. 5)**

U S I

A pocket-size microscope capable of 40 magnifications for surface inspections in the plant or laboratory, was announced recently. Quality of a painted surface, pigment distribution and surface defects such as cracks, blow holes and wear can be seen clearly, it is reported. **(No. 6)**

U S I

A size for stamping and tooling on water-proofed materials is now on the market. The manufacturer claims that the size penetrates the waterproof coating and, when heat is applied, bonds the metallic foil to the fabric. **(No. 7)**

U S I

A new sanding emulsion is said to combine the ease of abrasive cutting of oil and naphtha with the detergent and cooling action of water for sanding, polishing and rubbing finished surfaces. The maker reports that the emulsion has been successfully used with standard rubbing and polishing compounds and is harmless to all finishes. **(No. 8)**

U S I

For conditioning fancy rayon and acetate yarns, a product now on the market is said to emulsify instantly in cool or warm water. Other characteristics reported are high stability, reduction of static electricity and resistance to oxidation and rancidity. **(No. 9)**

U.S.I. INDUSTRIAL ALCOHOL CO.
U.S.I. INDUSTRIAL CHEMICAL CO., INC.

WORLD'S LARGEST PRODUCERS OF ALCOHOL DERIVED SOLVENTS

Executive Offices: 60 East 42nd Street, New York, N. Y. Branches in all Principal Cities

AMYL ALCOHOLS
Refined Amyl Alcohol
Refined Fusel Oil
Secondary Amyl Alcohol

ETHYL ALCOHOLS
Specially Denatured
Completely Denatured
Anhydrous Denatured
Absolute—Pure
C.P. 96%—Pure and Denatured
Pure (190 Proof)—Taxpaid, Tax Free

*SOLOX—The General Solvent
*SUPER PYRO—The premium Quality Anti-freeze

BUTYL ALCOHOLS
Normal and Secondary

ISOPROPYL ALCOHOL

METHYL ALCOHOLS
95%, 97% and Pure
METHYL ACETONE

ETHYL ETHER
U.S.P. and Absolute (A.C.S.)

COLLODIONS
U.S.P., U.S.P. Flexible and Photo
NITROCELLULOSE SOLUTIONS

DIAMYL PHTHALATE
DIBUTYL PHTHALATE
DIETHYL PHTHALATE
DIMETHYL PHTHALATE

ACETIC ETHER
AMYL ACETATES
High Test Commercial
Technical Secondary
BUTYL ACETATES
Normal and Secondary
***DIATOL**
DIETHYL CARBONATE

ETHYL ACETATES
85-88%, 95-98%, 99% and U.S.P

ETHYL LACTATE
ISOPROPYL ACETATE
AMYL PROPIONATE
BUTYL PROPIONATE

ANSOLS
Ansol M Ansol PR

ACETOACETANILID
ACETOACET-O-CHLORANILID
ACETOACET-O-TOLUIDID
ETHYL ACETOACETATE
SODIUM ETHYL OXALACETATE
PARACHLOR-O-NITRANILINE

ACETONE
DIBUTYL OXALATE
DIETHYL OXALATE
ETHYL CHLORCARBONATE
ETHYLENE
URETHANE

***CURBAY**
POTASH BY-PRODUCTS

*Trade-mark registered

Orange, mineral, Amer., bbls., smaller lots, dlvd, Ala., etc..lb. .12¾- —
Ariz., etc. .....lb. .13¼- —
Colo., Mont., N. M., Wyo..lb. .13 - —
Other points .....lb. .12½- —
French, Tours, csks., ex dock..lb. .17 - —
kgs., ex dock.....lb. .18½- —
Molybdate, bbls. .....lb. .31 - —
Toner, bbls.....lb. .80 - —
Orangeflower petals, cs.....lb. .30 - .35
Orange peel, bitter, bls.....lb. .08 - .09
Sweet, bls.....lb. .10 - .11
Orris root, Florentine, bgs....lb. .08 - .09
fingers, cs.....lb. .90 - .95
powd., bbls., bxs.....lb. .12 - .13
Verona, bls.....lb. .08 - .09
powd., bxs, cs.....lb. .11 - .12
Orthoanisidin, bbls.....lb. .70 - .74
Orthochloroanilin, dms.....lb. .60 - .75
Orthochlorophenol, dms.....lb. .35 - .75
Orthocresol, dms., c.l., works..lb. .13½- —
l.c.l., same basis.....lb. .14½- —
Orthodichlorobenzene, dms, c.l., works, frt. alld. E. of Rockies..lb. .06 - —
l.c.l., dms., same basis...lb. .07 - —
100 lb. tins, same basis.lb. .08 - —
50 lb. tins, same basis..lb. .09 - —
tanks, same basis.....lb. .05½- —
Orthodichlorobenzene prices west of Rockies 1c. per lb. higher.
Othonitroanilin, dms.....lb. .55 - —
Orthonitrochlorobenzene, kgs..lb. .28 - .30
Orthonitroparachlorophenol,cns.lb. .70 - .75
Orthonitrotoluene, dms.....lb. .07 - —
Orthotoluene sulphonate, kgs..lb. 2.00 - 2.05
Orthotoluidin, dms.....lb. .14 - —
Osage orange extract, cryst.,bbls. lb. .17 - .19
liquid, 51°, bbls.....lb. .07 - .08
Oxyquinolin sulphate, cns., 100-lbs., works..lb. 3.50 - —
bots., cns., 1-50 lbs.....lb. 3.65 - 4.00

P

Papain, powd., cs.....lb. 1.60 - 1.65
Paprika, Hungarian, extra fancy, bgs..lb. .21 - .21½
medium, bgs.....lb. .20½- .21
Spanish, extra fancy, cs....lb. .26½- .27
fair, bgs.....lb. .23 - .23½
fancy, bgs.....lb. .26 - .26½
medium, bgs.....lb. .24½- .25
Para-aminoacetanilide, kgs...lb. .85 Nom.
Para-amylphenol, tertiary, dms., c.l.,works..lb. .26 - —
Parachlorophenol, dms.....lb. .30 - .45
Paracymene, rfd., dms.....gal. .75 - 1.25
Paradichlorobenzene, dms.....lb. .16 - .20
kgs.....lb. .18 - .25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy..lb. .03 - —
bbls., c.l., N. Y....lb. .0295- .03
124-126 A.m.p., bgs., c.l., Okla., refy..lb. .03½- —
bbls., c.l., N. Y....lb. .03 - .0305
yellow, 124-126 A.m.p., bbls., c.l., N. Y..lb. .02⅝ Nom.
fully refd., slabs, 123-125 A.m.p., bgs., c.l..lb. .0445- —
export, f.a.s., N. Y..lb. .0465- —
125-127 A.m.p., bgs., c.l..lb. .0455- —
export, f.a.s., N. Y..lb. .04¾- —
128-130 A.m.p., bgs., c.l..lb. .0480- —
export, f.a.s., N. Y..lb. .05 - —
130-132 A.m.p., bgs., c.l..lb. .0495- —
export, f.a.s., N. Y..lb. .0515- —
133-135 A.m.p., bgs., c.l..lb. .0555- —
export, f.a.s., N. Y..lb. .05¾- —
135-137 A.m.p., bgs., c.l..lb. .0580- —
export, f.a.s., N. Y..lb. .06 - —
138-140 A.m.p., bgs., c.l..lb. .0635- —
143-145 A.m.p., bgs., c.l..lb. .0790- —
refined paraffin prices in cases are ½c. lb. higher than bags price.
match, A.m.p. up to and incl. 110-112 bbls., c.l..lb. .03¼- —
semirfd., solid, 122-124 A.m.p., bgs..lb. .03¼ Nom.
Paraformaldehyde, dms., 1,000 lbs. or more shipments, f.o.b. Perth Amboy, Philadelhpia, or N. Y. C..lb. .34 - —
100 to 900 lb. shipments, same basis..lb. .35 - —
Paraldehyde, tech., dms., wks.lb. .16 - .18
USP, obys.....lb. .37 - .45
Paranitroanilin, kgs., c.l., works. lb. .45 - —
l.c.l., works.....lb. .47 - —
Paranitrochlorobenzene, kgs...lb. .23½- .24
Paranitrophenol, kgs.....lb. .35 - .37
Paranitrotoluene, kgs.....lb. .35 - —
Paraphenylenediamine, bbls...lb. 1.25 - 1.30
Paratoluenesulphonamide, bbls.lb. .70 - .75
Paratoluidin, bbls.....lb. .56 - —
Pareira brava root, bls.....lb. .14 - .15
Paris green, dealer, dms., kgs., c.l., f.o.b. N. Y., frt. all'd E. of Cleve..lb. .22 - .24
less car lot, same basis..lb. .23 - .25
Passion flower herb, bls.....lb. .06½- .07
Patchouli leaves, bls.....lb. .14 - .15
Pellitory root, bls.....lb. .16 - .17
Pennyroyal, bls.....lb. .14 - .15
Pentane, norm., 28-38°, dms., c.l., G.3..gal. .12½- —
l.c.l., G.3.....gal. .16 - —
tanks, G.3.....gal. .08½- —
laboratory grade, dms., c.l., G.3..gal. .16 - —
l.c.l., G.3.....gal. .26 - —
Pepper, black, Alleppy, bgs....lb. .09½- .09¾
Lampong, bgs.....lb. .06¾- .07
Tellicherry, bgs.....lb. .10 - .10½
Red, birdseye, bgs.....lb. .15 - .15½
Japanese 1, bgs.....lb. .13½- .13¾
Mombassa, bgs.....lb. .17 - .17½
White, Java, Muntok, bgs..lb. .10½- .10⅝
Singapore, Muntok. bgs....lb. .10¼- .10½
Peppermint leaves, dom., bls..lb. .28 - .30
import, bls.....lb. .40 - .42
Peru balsam, dms.....lb. .95 - 1.00
Petrolatum, amber, bbls., c.l., lb. .02½- .03
l.c.l. .....lb. .04 - .04¼
extra, bbls.....lb. .03½- .03¼
l.c.l. .....lb. .04¼- .04½
cream (see white, cream)
green (see red)
red, veterinary, bbls., c.l....lb. .02½- .02⅝
l.c.l. .....lb. .03¾- —
white, cream, bbls., c.l.....lb. .05 - .05¼
l.c.l. .....lb. .06⅝- —
lily, bbls., c.l.....lb. .06 - .06¼
l.c.l. .....lb. .07⅝- —
snow, bbls., c.l.....lb. .07 - .07¼
l.c.l. .....lb. .08⅝- —
Petroleum, crude, bulk, at wells:—
California:—
Alamitos Heights.....bbl. .74 - .95
Athens .....bbl. .84 - 1.66
Belridge .....bbl. .70 - 1.32
Buena Vista Hills.....bbl. .70 - 1.38
Coalinga .....bbl. .70 - .90
Coyote Hills (West)...bbl. .78 - 1.32
Dominguez .....bbl. .79 - 1.00
East Coyote.....bbl. .76 - .96
Elk Hills.....bbl. .70 - 1.38
Elwood Terrace, f.o.b. ship., bbl. 1.28 - 1.43
Huntington Beach.....bbl. .78 - 1.22
Inglewood .....bbl. .79 - 1.27
Kern Front.....bbl. .70 - —
Kern River.....bbls. .70 - —

Petroleum, crude, bulk, at wells, California (cont.):—
Kettleman Hills.....bbl. 1.19 - 1.43
La Habra.....bbl. .76 - .96
Lakeview .....bbl. .70 - 1.38
Lost Hills.....bbl. .70 - 1.32
McKittrick .....bbl. .70 - —
Midway - Sunset (except Lakeview)..bbl. .70 - 1.38
Montebello .....bbl. .77 - 1.43
Mt. Poso.....bbl. .70 - —
Mountain View.....bbl. .70 - 1.20
Newhall .....bbl. .70 - —
Olinda Brea.....bbl. .76 - 1.27
Orcutt .....bbl. .70 - .93
Playa del Rey, f.o.b. pipe-line .....bbl. .80 - 1.16
Richfield .....bbl. .76 - 1.09
Rosecrans .....bbl. .84 - 1.66
Round Mt.....bbl. .70 - —
Santa Fe Springs.....bbl. .78 - 1.43
Santa Paula.....bbl. .70 - 1.01
Seal Beach.....bbl. .79 - 1.19
Signal Hill.....bbl. .80 - 1.21
Torrence .....bbl. .80 - 1.06
Wheeler Ridge.....bbl. .70 - .83
Whittier .....bbl. .76 - .96
Canada:—
Oil Springs.....bbl. 2.17 - —
Petrolia .....bbl. 2.10 - —
Central West:—
Illinois .....bbl. 1.35 - —
Lima .....bbl. 1.25 - —
Midland (Mich.).....bbl. 1.42 - —
Princeton .....bbl. 1.35 - —
East Texas.....bbl. 1.35 - —
Gulf Coast:—
Barber's Hill.....bbl. .95 - 1.41
Batson .....bbl. .95 - 1.41
Dayton .....bbl. .95 - 1.41
Esperson .....bbl. .95 - 1.41
Goose Creek.....bbl. .95 - 1.41
Hull .....bbl. .95 - 1.41
Humble .....bbl. .90 - 1.41
Liberty .....bbl. .90 - 1.41
Markham .....bbl. .90 - 1.29
Orange .....bbl. .95 - 1.41
Pettus .....bbl. 1.37 - —
Pierce Junction.....bbl. .95 - 1.41
Refugio (incl. Greta, Taft, Saxet) .....bbl. 1.01 - 1.17
Saratoga .....bbl. .95 - 1.41
Sour Lake .....bbl. .90 - 1.41
Spindle Top.....bbl. .95 - 1.41
Sugarland .....bbl. .95 - 1.41
West Columbia.....bbl. .95 - 1.41
Kentucky, Tennessee:—
Big Sandy river.....bbl. 1.42 - —
Kentucky river.....bbl. 1.50 - —
Western Kentucky (Owensboro)..bbl. 1.40 - —
Louisiana, Arkansas:—
Bull Bayou.....bbl. .90 - 1.22
Caddo .....bbl. .90 - 1.22
Cameron Meadows....bbl. .90 - 1.30
Choctaw .....bbl. .90 - 1.30
Cotton Valley.....bbl. .90 - 1.22
Darrow .....bbl. .90 - 1.30
De Soto.....bbl. .90 - 1.22
El Dorado.....bbl. .90 - 1.22
Haynesville .....bbl. .90 - 1.22
Homer .....bbl. .90 - 1.22
Iowa .....bbl. .90 - 1.30
Lockport .....bbl. .90 - 1.30
Miller County.....bbl. .90 - 1.22
Pine Island.....bbl. .90 - 1.22
Rainbow .....bbl. .90 - 1.22
Rodessa .....bbl. .90 - 1.22
Smackover .....bbl. .90 - —
Tepetate .....bbl. 1.24 - —
Urania .....bbl. 1.02 - —
Mexico, f.o.b. terminals Mexican ports—based on contract:—
Panuco .....bbl. 1.05 - —
Tax, 16.048c. per bbl.
Tuxpan .....bbl. No Prices.
Tax, 26.047c. per bbl.
Midcontinent:—
North Texas.....bbl. .96 - 1.20
Oklahoma-Kansas ....bbl. .98 - 1.30
Altus, Tipton (Okla.), bbl. .96 - 1.20
Pennsylvania, Ohio, West Virginia:—
Bradford-Allegany ....bbl. 2.60 - —
Corning .....bbl. 1.27 - —
Pennsylvania grade, in Buckeye lines..bbl. 2.10 - —
Eureka lines.....bbl. 2.25 - —
N. Y. Transit lines.bbl. 2.60 - —
S.W. Penn. lines....bbl. 2.30 - —
lower district in National Transit lines.bbl. 2.55 - 2.60
Rocky Mountain:—
Big Muddy .....bbl. 1.18 - 1.38
Cannon City-Florence.bbl. 1.10 - —
Cat Creek .....bbl. 1.40 - —
Dutton Creek .....bbl. 1.06 - 1.30
Elk Basin .....bbl. 1.30 - —
Fort Collins-Wellington... bbl. 1.01 - 1.28
Frannie, light .....bbl. .82 - —
Grass Creek .....bbl. 1.30 - —
Greybull .....bbl. 1.30 - —
Iles .....bbl. 1.12 - 1.18
Lance Creek .....bbl. .97 - —
Midway .....bbl. 1.06 - 1.30
Rock Creek .....bbl. 1.20½- —
Salt Creek .....bbl. 1.06 - 1.30
Sunburst .....bbl. 1.20 - —
Torchlight .....bbl. 1.30 - —
South, Central and Southwestern Texas:—
Cass County .....bbl. .98 - 1.25
Cleveland-Liberty ....bbl. 1.27 - —
Conroe .....bbl. 1.20 - 1.44
Darst Creek .....bbl. 1.09 - —
Hardin-Liberty .....bbl. 1.15 - —
Luling .....bbl. 1.00 - —
Lytton Springs.....bbl. 1.12 - —
Mirando (incl. Duval).... bbl. .96 - 1.36
Panola County .....bbl. .93 - 1.25
Salt Flat .....bbl. 1.09 - —
Tomball .....bbl. 1.20 - 1.44
Van .....bbl. 1.10 - —
Texas Panhandle:—
Carson-Hutchinson counties, bbl. .91 - 1.08
Gray County .....bbl. .96 - 1.08
West Texas:—
Artesia, N. M. .....bbl. .90 - —
Crane .....bbl. .78 - 1.08
Crockett .....bbl. .78 - 1.08
Ector .....bbl. .78 - 1.08
Glasscock .....bbl. .78 - 1.08
Hogback .....bbl. 1.33 - —
Howard .....bbl. .78 - 1.08
Jackson, N. M. .....bbl. .90 - —
Lea, N. M.....bbl. .78 - 1.08
Maljamar, N. M. ....bbl. .90 - —
Mitchell .....bbl. .78 - 1.08
Pecos .....bbl. .91 - —
Upton .....bbl. .78 - 1.08
Winkler .....bbl. .78 - 1.08
Ether, 30-60°, dms., c.l., G. 3. gal. .44 - —
l.c.l., G.3.....gal. .47 - —
tanks, G.3 .....gal. .13 - —
55-60°, dms., l.c.l., G.3....gal. .35 - —
40-75° dms., c.l., G.3.....gal. .14 - —
l.c.l., G.3.....gal. .16 - —
tanks, G3.....gal. .13 - —
laboratory grade, dms., c.l., G.3..gal. .16 - —
c.l., G.3 .....gal. .25 - —
10-gal. lots, G.3.....gal. .50 - —

Petroleum, lacquer, diluent, at refinery:—
California 60,160 i.b.p., 283 e.p., tanks, delvd. Los Angeles..gal. .11 - —
San Francisco..gal. .11½- —
f.o.b. Richmond..gal. .11½- —
Willbridge, Ore.; Pt. Wells, Wash..gal. .12 - —
East Coast, tanks....gal. .12 - .12½
Group 3, tanks.....gal. .08⅝- .08⅝
Naphtha, cleaners, at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex-tax, gal. .13 - —
Bridgeport .....gal. .13½- —
Chicago, inc. 4c. tax...gal. .171 - —
Decatur, inc. 4c. tax...gal. .19 - —
Des Moines, inc.4c. tax.gal. .188 - —
Evansville, inc. ex tax.gal. .14½- .15½
Milwaukee, inc. 5c. tax, gal. .203 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .204 - —
Newark, ex tax.....gal. .12 - —
New York, ex tax....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Oklahoma City, ex tax.gal. .16 - —
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .157 - —
Syracuse, 150 gals.....gal. .14 - —
smaller lots, galv. drums, gal. .16 - —
milk cans.....gal. .21 - —
High-solvency aromatic, No. 1, over 70% arom., tanks, f.o.b. Bayway.....gal. .18 - —
2, over 92% arom., same basis..gal. .21 - —
3, tanks, f.o.b. Bayway, gal. .16 - —
8, tanks, frt. alld. within 100 mi. radius of Paulsboro, N. J..gal. .17 - —
delivery beyond 100 mi., f.o.b. Paulsboro, frt. equald nearest comp. pt...gal. .16¼- —
30, same basis.....gal. .18¼- .19
40, same basis.....gal. .14½- .15½
V. m. & p., at refinery:—
California, 46.5, 254 i.b.p., 380 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Richmond .....gal. .11½- —
Willbridge, Ore., Pt. Wells, Wash..gal. .12 - —
54-57, 190 i.b.p., 310 e.p. tanks, dlvd. Los Angeles..gal. .10 - —
San Francisco..gal. .10½- —
Portland, Seattle..gal. .11 - —
East Coast, tanks.....gal. .11 - —
Group 3, tanks.....gal. .07⅝- .07⅞
tankwagon, Boston, ex tax ..gal. .13 - .14
Chicago, inc. 4c. tax..gal. .161 - —
Decatur, inc. 4c. tax..gal. .19 - —
Des Moines, inc. 4c. tax.gal. .188 - —
Evansville, Ind.,ex tax.gal. .147 - .157
Milwaukee, inc. 5c.tax.gal. .203 - —
Minneapolis-St. Paul, inc. 4c. tax..gal. .204 - —
Newark, ex tax.....gal. .13½- —
New York, ex tax.....gal. .12 - —
Omaha, ex tax.....gal. .144 - .154
Philadelphia, ex tax...gal. .12½- —
St. Louis, inc. 1c. tax.gal. .157 - —
Solvent, rubber, at refinery, East Coast, tanks..gal. .10 - —
Group 3, light, 120 i.b.p., 250 e.p., tanks..gal. .07⅝- .07⅞
standard, 180 i.b.p., 288 e.p., tanks, gal. .07⅝- .07⅞
Stoddard (CS 3-28), at refinery:—
East Coast, tanks.....gal. .10 - —
Group 3, tanks.....gal. .06⅞- .07⅜
tankwagon, Boston, ex tax gal. .12½- .13½
Chicago, inc. 4c. tax...gal. .155 - —
Decatur, inc. 4c. tax...gal. .18 - —
Des Moines, inc. 4c.tax.gal. .178 - —
Evansville, Ind., ex tax.gal. .135 - .145
Milwaukee, inc. 5c. tax, gal. .193 - —
Minneapolis-St. Paul, inc. 5c. tax..gal. .18 - —
Newark, ex tax.....gal. .11½- —
New Orleans, ex tax..gal. .11 - —
New York, ex tax.....gal. .11½- —
Omaha .....gal. .131 - .141
Philadelphia, ex tax...gal. .11½- —
St. Louis, inc. 1c. tax.gal. .146 - —
Tulsa, ex tax.....gal. .10 - .11
Thinner, at refinery:—
California, 34, 325 i.b.p., 390 e.p., low anilin, tanks f.o.b. Los Angeles.....gal. .14 - —
Portland, Ore.....gal. .15 - —
Richmond .....gal. .13½- —
Seattle, Wash....gal. .15½- —
tanks .....gal. .10½- —
56, 200 i.b.p., 300 e.p., tanks, f.o.b. El Segundo..gal. .11 - —
Portland, Ore.....gal. .12 - —
Richmond .....gal. .11½- —
Seattle, Wash....gal. .12 - —
East Coast, 43-47, tanks..gal. .09½- .10
47-49, tanks.....gal. .09½- .10
Group 3, tanks.....gal. .06⅜- .06⅞
tankwagon, tax included:—
Albany .....gal. .13 - —
Baltimore (100 gals.)..gal. .12½- .15½
25-99 gals.....gal. .13½- .15½
Boston .....gal. .12½- .13½
Bound Brook, North Amboy, N. J. .....gal. .11½- .13½
Bridgeport, Conn. ....gal. .13 - —
Buffalo .....gal. .12½- —
Camden, N. J.....gal. .115 - .135
Chicago .....gal. .158 - —
Decatur, Ill. .....gal. .18 - —
Des Moines .....gal. .178 - —
Evansville, Ind.....gal. .137 - .147
Milwaukee .....gal. .193 - —
Minneapolis-St. Paul..gal. .194 - —
Newark .....gal. .10½- .11
New York (200 gals.).gal. .11 - —
smaller lots.....gal. .11½- .12
Omaha .....gal. .131 - .141
Philadelphia .....gal. .115 - .135
Pittsburgh .....gal. .12 - .14
Providence .....gal. .12½- .13½
Rochester .....gal. .12 - .16
St. Louis.....gal. .147 - —
Syracuse .....gal. .14 - —
Trenton .....gal. .11½- .14
Wilmington, Del.....gal. .11½- .13½
Phenobarbital, bots., 5 lbs....lb. 4.35 - —
bots. or cns., spot or contract, 100 lbs..lb. 4.00 - —
cns., 25 lbs.....lb. 4.25 - —
Phenol, USP, dms., c.l., works, frt. equald..lb. .14½- .15½
l.c.l., same basis.....lb. .15¼- .16¼
under 1,000 lbs.....lb. .16¼- .17¼
tanks, works.....lb. .13½- —
Phenolphthalein, USP, bbls.,dms. 2,000-lb. lots..lb. .85 - —
bbls., dms., kegs, 100-250 lbs. lb. .87 - .89
yellow, fib., dms., 2,000-lb. lots. lb. .80 - —
100-lb. fib. dms.....lb. .82 - —
25-lb. dms.....lb. .87 - —
50-lb. kgs..... .....lb. .84 - —
Phenyl chloride, dms.....lb. .17 - —
Phenylacetadehyde, bots.....lb. 2.25 - 2.50
Dimethylacetate, cns.....lb. 14.50 -15.00

Orange Mineral—Potash Silicate

Phenylethylphenyl acetate, bots., lb. 15.50 -16.00
Phenylhydrazine base, CP, bots. lb. 4.00 - —
Hydrochloride, CP, bots., works..lb. 4.00 - —
commercial, kgs., works....lb. 1.50 - —
pure, bbls., works.....lb. 2.25 - —
Phloroglucinol, CP, tins,works.lb. 20.00 -22.00
tech., tins, works.....lb. 15.00 -16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines..long ton. 4.35 - —
land pebble, 68% min., bulk, mines..long ton. 1.85 - —
70% min., bulk, mines... long ton. 2.35 - —
72% min., bulk, mines..... long ton. 2.85 - —
75% basis, 74% min., bulk, mines..long ton. 3.65 - —
Tenn., 72%, bulk, mines.. long ton. 4.50 - —
75%, bulk, mines...long ton. 5.50 - —
Phosphorus, red, cs.....lb. .40 - .44
Yellow, cs.....lb. .24 - .26
Oxychloride, cyls.....lb. .15 - .16
Sesquisulphide, cs.....lb. .38 - .42
Trichloride, cyls.....lb. .15 - .18
Phthalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R..lb. .14½- —
l.c.l., same basis..... lb. .15½- —
Picni leaves, bgs.....lb. .08 - .10
Pilocarpine hydrochloride, bots., vis..oz. 2.50 - 2.75
Nitrate, bots.. vis.....oz. 2.40 - 2.65
Pimento, bgs.....lb. .15 - .15½
Pinkroot, bls.....lb. .42 - .45
Pitch, Burgundy (see B)
Coaltar, 160° m.p., bbls., c.l., works..ton. 19.00 - —
l.c.l. .....ton. 22.00 - —
Hardwood, 1-time, dm., c.l., dlvd. Akron..ton. 23.75 -24.00
Linseed, dms.....lb. .04¾- .05
Petroleum (see Asphaltum, Mexican, Texas).
Pine, bbls.....bbl. 6.00 - 6.50
Plaster of paris (see Gypsum).
Pleurisy root, bls.....lb. .12 - .13
Podophyllin, fib., dms., 100 lbs., lb. 3.00 - —
cns., 25 lbs.....lb. 3.50 - —
Poke root, bls.....lb. .06½- .07
Pomegranate bark, bgs.....lb. .18 - .19
Root bark, bgs.....lb. .40 - .41
Poppy flowers, red, bls.....lb. .40 - .42
Seed, Dutch, bgs.....lb. .09¾- .09¾
Polish, bgs.....lb. .07¾ Nom.
Potash acetate, USP, bbls, 250 lbs..lb. .28 - —
kgs., 100 lbs.....lb. .30 - —
cns., 25 lbs.....lb. .33 - —
Arsenite, USP, solut., cbys., 100 lbs..lb. .11 - —
dem., 50 lbs.....lb. .12 - —
Bicarbonate, USP, cryst., bbls., 500 lbs..lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
gran., bbls., 250 lbs.....lb. .18 - —
kgs., 100 lbs.....lb. .20 - —
Bichromate, spot, c.l., works.. lb. .09¾- —
6 casks or 10 bbls., or over, works..lb. .08¾- —
5 casks or 9 bbls. or less, works..lb. .09 - —
Binoxalate, dms.....lb. .23 - —
Bisulphate, kgs.....lb. .15½- .18
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .81 - —
fib., dms., 100 lbs.....lb. .82 - —
Carbonate, calc., dms., c.l., works..lb. .06½- —
l.c.l., same basis.....lb. .06¾- —
hydrated, 83-85%, bbls., c.l., works—lb. .05½- —
l.c.l., same basis.....lb. .05¾- —
liquid, dms., c.l., dlvd....lb. .02⅝- —
l.c.l., 10 dms. or over..lb. .03¼- —
less than 10 dms....lb. .03½- —
tanks, dlvd.....lb. .02¾- —
USP, gran., bbls., 325 lbs..lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
powd., bbls., 325 lbs.....lb. .19 - —
kgs., 100 lbs.....lb. .21 - —
Caustic, flake, 88-92%, dom., dms., c.l., works..lb. .07 - —
l.c.l. .....lb. .07¼- .07½
import., dms.....lb. .07 - .07½
liquid, 45% basis, dms....lb. .03½- .03¾
tanks .....lb. .02¾- —
solid, 88-92%, dom., dms., c.l., works..lb. .06¼- —
l.c.l. .....lb. .06½- .06¾
import, cakes.....lb. .06¼- .06⅝
Chlorate, cryst., kgs.....lb. .09¼- .09½
gran., kgs.....lb. .12 - .13
powd., kgs.....lb. .06½- .06¾
Chloride, tech., 99%, cryst., bgs., kgs..lb. .04 - .06
Chromate, kgs.....lb. .19 - .22
Citrate, USP, gran., bbls., 250 lbs..lb. .35 - —
kgs., 100 lbs.....lb. .36 - —
cns., 50 lbs.....lb. .37 - —
cns., 25 lbs.....lb. .39 - .40
Cyanide, cns., dms.....lb. .55 - .60
Glycerophosphate, 75%, sol., dms., 1,000-lb. lots..lb. 1.15 - —
smaller lots.....lb. 1.30 - —
cns., 25 lbs.....lb. 1.40 - —
Guaiacolsulphonate, fib., dms., 100 lbs..lb. 1.65 - —
cns., 25 lbs.....lb. 1.75 - —
Hydroxide, USP, sticks, cns., 110 lbs..lb. .80 - —
Hypophosphite, cns., 100 lbs., lb. .72 - —
25 to 50 lbs.....lb. .75 - —
Iodate, bbls., bots., 5 lbs....lb. 3.17 - —
cns., 25 lbs.....lb. 3.05 - —
Iodide, bbls., 250 lbs.....lb. .93 - —
bots., or cns.....lb. 1.02 - 1.28
dms. .....lb. .95 - .96
Kainit, 20% K_2O, bulk, c.i.f. ports..ton. 12.75 - —

Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.

Manure salt, dom., run of mine, approx. 30% K_2O, bulk, c.i.f. ports, unit-ton. .58½- —
import., 30% K_2O,bulk,shipt. unit-ton. .58½- —
Metabisulphite, kgs.....lb. .13 - .15
Muriate, dom., all strengths, min. 50% K_2O, bulk... unit-ton. .53½- —
import, all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.i.f. ports..unit-ton. .53½- —
Potash muriate prices in bags are $2 ton higher than bulk price.
Oxalate, pure, cryst., kgs....lb. .30 - .31
tech., bbls.....lb. .25 - .26
Perchlorate, kgs., works.....lb. .09 - .11
Permanganate, tech., dms...lb. .18½- .19
Prussiate, red, bbls.....lb. .35 - .37
Yellow, bbls.....lb. .15 - .16
Ricinoleate, tech., bbls.....lb. .13 - —
Silicate alkaline, lump, bgs.lb. .07 - —

Potash Sulphate—Red, Venetian

Potash, sulphate, NF, cryst., bbls., 400 lbs..lb. .13 - —
kgs., 100 lbs.....lb. .15 - —
powd., bbls., 350 lbs.....lb. .14 - —
kgs., 100 lbs.....lb. .16 - —
tech., 90-95%, min. 90%, bgs., shipt., c.i.f. ports..ton.38.00 - —
Vegetable, bulk, f.o.b.Balto.ton.19.97 Nom.
Xanthate, dms., c.l.....lb. .13 - —
l.c.l. .....lb. .13½- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt. ton.25.75 - —
Potash-titanium oxalate, kgs..lb. .33 - .35
Prickly ash bark, bls.....lb. .12 - .13
Berries, bls.....lb. .15 - .16
Prince's pine herb, bls.....lb. .22 - .23
Propane, tanks, G.3.....gal. .03 - .04¼
Psyllium seed (see Fleaseed).
Pulsatilla, bls.....lb. .18 - .19
Pumice stone, Italian,Amer,-grd., 4F, 3F, 2F, 1½F, and coarser, bbls., 3 or over, works..lb. .01 - —
less than 3, works..lb. .03½- —
F and I, bbls., 3 or over, works..lb. .03½- —
less than 3, works..lb. .04 - —
0, 0-½, 0-¾, and ½, bbls., 3 or over, works..lb. .04 - —
less than 3, works..lb. .04½- —
Ital.-grd., bgs., c.l., shipt. ex dock N.Y..ton.32.85 Nom.
l.c.l., 5-29 tons, ex whse. ton.37.70 - —
1,000-10,000 lbs., ex whse..ton.38.70 - —
2 bgs. to 1,000 lbs., ex whse..ton.40.70 - —
single bgs.,ex whse.ton.45.70 - —
Pumpkin seed, bgs.....lb .11 - .14
Purple lake (see Red).

Putty, com'l., dms., 1,000 lbs. 100 lbs. 2.90 - —
500-999 lbs.....100 lbs. 3.10 - —
100-499 lbs.....100 lbs. 3.25 - —
linseed oil, raw, dms., 1,000 lbs. 100 lbs. 4.65 - —
500-999 lbs.....100 lbs. 4.85 - —
100-499 lbs.....100 lbs. 5.00 - —
refined, dms., 1,000 lbs., 100 lbs. 5.15 - —
500-999 lbs.....100 lbs. 5.35 - —
100-499 lbs.....100 lbs. 5.50 - —
standard, dms., 1,000 lbs., 100 lbs. 3.65 - —
500-999 lbs.....100 lbs. 3.85 - —
100-499 lbs.....100 lbs. 4.00 - —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) 55 gal. dms. (incl.), frt. alld. E. of Rockies, standard brand..gal. 5.00 - 5.25
basis (30 to 1) 3.6% pyrethrins, 55 gal. dms. (incl.) frt. alld. E. of Rockies, standard brand, gal. 7.75 - 7.85
Flowers, coarse, grnd.(g.d.p.), Japan, bgs., frt. alld., 15 tons or over..lb. .18 - —
fine powd. Japan, bbls., ton lots, frt. alld..lb. .19 - —
Pyridin, denaturing, dms....gal. 1.55 - —
refd., 2° dms.....lb. .45 - —
Pyrites, Spanish, bulk, c.i.f. Atl. ports..unit-ton. .12-.13 Nom.
Pyrocatechin, CP, cryst., works, fib, dms., tins..lb. 2.15 - 2.40
resublimed, fib. dms., tins..lb. 4.00 - —
Pyroxylin scrap, amber, cs., works..lb. .15 - —
black, cs., works.....lb. .10 - —
China white, ivory, cs., works..lb. .16 - —
Pyroxylin scrap, dense white, cs., works..lb. .12 - —
gray, cs., works.....lb. .10 - —
mixed, mottles, opaque, cs., works..lb. .04 - —
shell-dem., cs., works....lb. .12 - —
translucent pastels, cs., works..lb. .10 - —
transparent, cs., works...lb. .20 - —
colors, cs., works.....lb. .12 - —
shavings, amber, cs., works..lb. .16 - —
colors, mixed, cs., works.lb. .10 - —
white, cs., works.....lb. .15 - —

Q

Quassia, chips, bls.....lb. .06 - .07
Quebracho extract, liquid, 35% tan., bbls., works..lb. .03½- —
tanks, works.....lb. .03 - —
solid, 63%, bgs., c.l., ex dock, plus duty..lb. .04 - —
clarified, 64%, bgs., c.l., same basis..lb. .04¼- —
Queen of the meadow herb, bgs..lb. .06 - .07
Root, bgs.....lb. .06 - .07
Quercitron, extract, liquid, 51°, bbls..lb. .06 - .08
solid, dms. .....lb. .10 - .12
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y..flasks.91.00 -92.00
Quince seed, bgs.....lb. .75 - 1.50
Quinidine, cryst., small cns...oz. .96 - —
large, cns.....oz. .98 - —
powd., precip., cans.....oz. .91 - —
Sulphate, cns.....oz. .67 - —
Quinine, 100 ozs., cns.....oz. .74 - —
Acetate, cns.....oz. .98 - —
Arsenate, cns.....oz. .98 - —
Arsenite, cns.....oz. 1.00 - —
Bisulphate, cns.....oz. .53 - —
Citrate, cns.....oz. .71 - —
Dihydrobromide, bots.....oz. .74 - —
Quinine, dihydrochloride, bots.oz. .74 - —
Ethylcarbonate, cns.....oz. .74 - —
Ferrocyanide, cns.....oz. 1.00 - —
Formate, cns.....oz. .93 - —
Glycerophosphate, cns.....oz. 1.13 - —
Hydrochloride, cns.....oz. .66½- —
Hydrochlorosulphate, cns....oz. .74 - —
Hydroiodide, cns.....oz. .98 - —
Hypophosphite, cns.....oz. .98 - —
Phosphate, cns.....oz. .81 - —
Salicylate, cns.....oz. .72 - —
Sulphate, U.S.P. X, cns.....oz. .53 - —
U.S.P. XI, cns.....oz. .59½- —
Sulphocarbolate, cns.....oz. .96 - —
Tannate, cns.....oz. .57 - —
Tartrate, cns.....oz. .96 - —
Valerate, cns.....oz. .92 - —
Quinine-urea hydrochloride cns.oz. .74 - —

R

R salt, bbls.....lb. .52 - .55
Rapeseed, Belgian, bgs.....lb. .06 - .06½
Dutch, bgs.....lb. .06¼- .06½
Japanese, bgs.....lb. .06 - .06½
Raspberries, dried, bbls.....lb. .75 - .80
Red, alizarin lake bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. 1.10 - —
Alizarin lake prices are ½c. higher dlvd Ala., Fla., Ga., Ia. (Shreveport, 1¼c.) Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft Worth, 1¼c.; El Paso, 2c.), Cedar Rapids Des Moines, Kansas City, Lincoln, Omaha St. Joseph; ½c. higher dlvd. Pac. coast for Denver, Pueblo, Salt Lake City Wichita, prices are equalized with Chicago
Amaranth (see Red, maroon, lake)
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld..lb. .85 - —
smaller lots, same basis, lb. .90 - —
kgs., ton lots, same basis, lb. .90 - —
smaller lots, same basis.lb. .95 - —
light shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis, lb. .75 - —
kgs., ton lots, same basis, lb. .75 - —
smaller lots, same basis, lb. .80 - —
light-medium shade, bbls., ton-lots, same basis..lb. .75 - —
smaller lots, same basis, lb. .80 - —
kgs., ton-lots, same basis, lb. .80 - —
smaller lots, same basis, lb. .85 - —
maroon shade, bbls., ton lots, same basis..lb. .95 - —
smaller lots, same basis, lb. 1.00 - —
kgs., ton lots, same basis, lb. 1.00 - —
smaller lots, same basis, lb. 1.05 - —
medium shade, bbls., ton lots, same basis..lb. .80 - —
smaller lots, same basis, lb. .85 - —
medium shade, kgs., ton lots,, same basis..lb. .85 - —
smaller lots, same basis, lb. .90 - —
selenide, bbls., dark works.lb. 2.75 - —
light, works.....lb. 2.25 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine, 40, cns., 500 lbs....lb. 4.00 - —
100 lbs. .....lb. 4.15 - —
11 lbs. .....lb. 4.40 - 4.50
Crocus martis (see Red, purple oxide).
Eosin toner, blue shade, bbls. lb. 1.55 - —
yellow shade, bbls.....lb. 1.40 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N. Y..lb. .08¾- —
80%-85%, bbls., same basis.lb. .07¼- —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts.lb. 1.25 - —
open order.....lb. 1.30 - —
Lithol toner, bbls., same basis alizarin lake contracts..lb. .75 - —
open order .....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.50 - —
Maroon lake, 25%, kgs., same basis alizarin lake, contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech., dom.... bbls. 1.59 - 1.60
Metallic, bbls., Pa., works..lb. .02 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works, lb. .08½- —
l.c.l., works.....lb. .09¼- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .08¼- —
80% copperas oxide, bbls., same basis..lb. .07¾- —
Para toner, concent., kegs, same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N. Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .05⅝- —
San Fran., Los Ang., Portland, Seattle..lb. .05 - —
Phosphotungstic rhodamine Y, bbls..lb. 3.50 - —
Purple lake, kgs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .03 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs.,same basis alizarin lake..lb. .25 - .30
Spanish oxide, bbls., dlvd...lb. .03⅜ Nom.
Toluidin toner, kgs., same basis alizarin lakes..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .23½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .33½- —
5, bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .24 - —
7, bbls., same basis.....lb. .24 - —
8, bbls., same basis.....lb. .23 - —
9, bbls., same basis.....lb. .31½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0220- —
10%, bbls., works.....lb. .0245- —
15%, bbls., works.....lb. .0255- —
20%, bbls., works.....lb. .02¾- —
25%, bbls., works.....lb. .03 - —
30%, bbls., works.....lb. .03¼- —
35%, bbls., works.....lb. .0360- —
40%, bbls., works.....lb. .04 - —

PROFITABLE PRODUCTION . . .

. . . depends to a great extent on the cooperation you get from your sources of supply for working materials. Experienced in the art of cooperation and aware of the important part it plays in putting production on a profitable basis, Niagara works hand in hand with customers in all problems concerning the use of the materials it supplies. This is the service policy behind the high quality of

NIAGARA CARBONATE OF POTASH

Niagara KALI COMPANY
EAST 42nd STREET, NEW YORK, N.Y.
Associated with Electro Bleaching Gas Co.
Pioneer Manufacturer of Liquid Chlorine

Red, vermilion, Amer., bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500 lbs..lb. 1.75 - —
smaller lots.....lb. 1.76 - 1.84
Red dyes are listed under Dyes.
Red precipitate, N. F., powd., flb. dms..lb. 1.84 - 1.86
Red saunders wood, ground, bbls. lb. .12 - .17
Resorcinol, tech., dms., works.lb. .75 - .80
USP, cryst., bbls., works....lb. 1.50 - 1.55
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 -15.00
Rhubarb root, cs.....lb. .60 - .65
powd., bbls., kgs.....lb. .65 - .70
Rochelle salt, cryst., bbls., 5,000 lbs., 1 shipm't..lb. .15 - —
smaller lots.....lb. .15½- —
powd., bbls., 5,000 lbs., 1 shipm't..lb. .16 - —
smaller lots.....lb. .16½- —
Rose flowers, pale, bls.....lb. .25 - .30
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05½- .06
Rosin, gum, B, bbls., ex dock..280 lbs. 9.05 - —
D, bbls.....280 lbs. 9.10 - —
E, bbls.....280 lbs. 9.10 - —
F, bbls.....280 lbs. 9.25 - —
G, bbls.....280 lbs. 9.25 - —
H, bbls.....280 lbs. 9.25 - —
I, bbls.....280 lbs. 9.25 - —
F, bbls.....280 lbs. 9.25 - —
M, bbls.....280 lbs. 9.25 - —
N, bbls.....280 lbs. 9.30 - —
W. G., bbls.....280 lbs. 9.35 - —
W. W., bbls.....280 lbs. 9.95 - —
X, bbls.....280 lbs. 9.95 - —
Wood, New York, F. F., bbls., 280 lbs. 8.56 - 9.65
K, bbls.....280 lbs. 8.66 - 9.75
M, bbls.....280 lbs. 8.81 - 9.90
N, bbls.....280 lbs. 9.56 -10.65
Rottenstone, dom., bgs., c.l., f.o.b. mines..ton.35.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .23

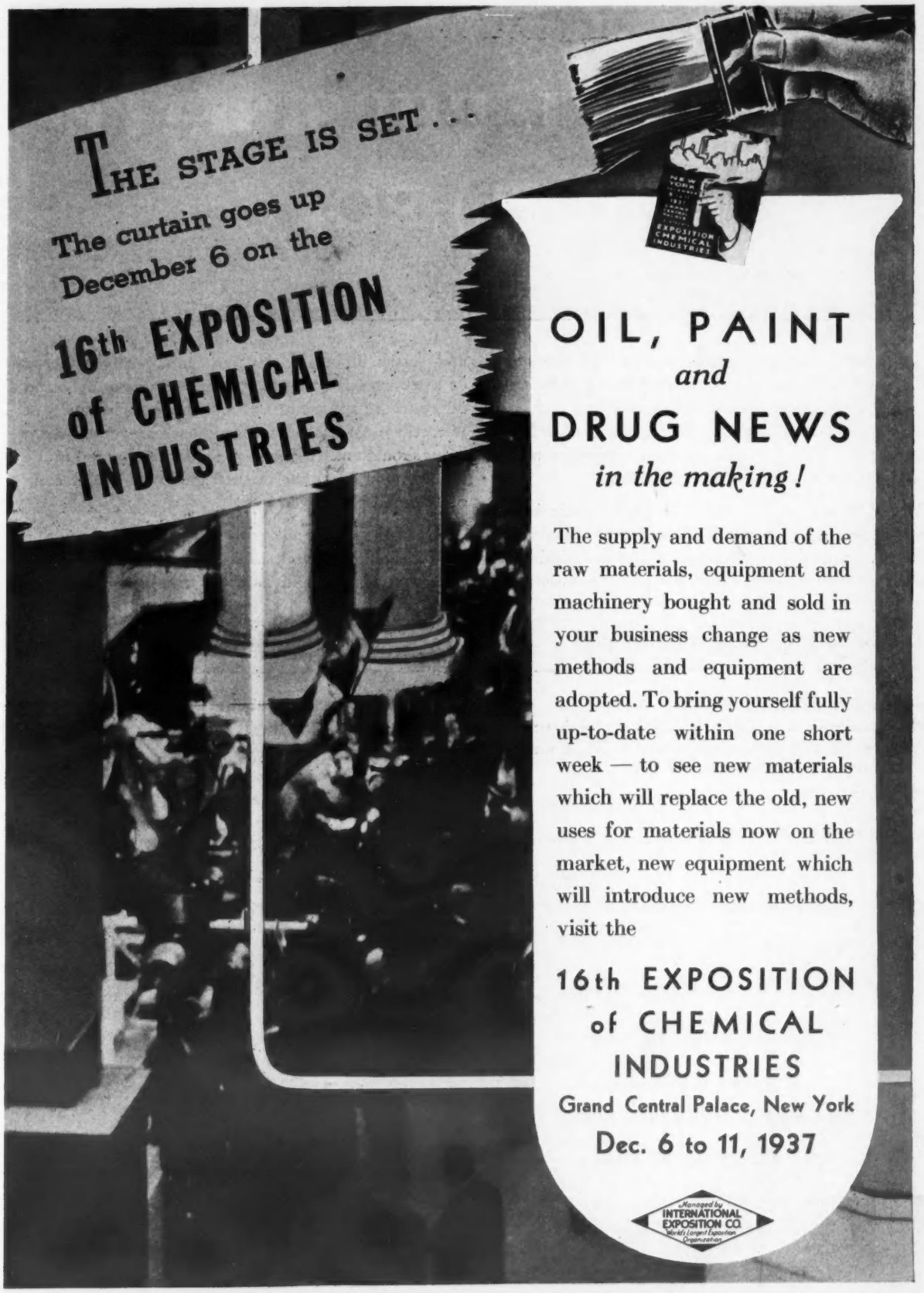
S

Sabadilla seed, powd., bbls.....lb. .22 - .23
Saccharin, dms., 100 lbs.....lb. 1.70 - —
cns., 25 lbs.....lb. 1.73 - 2.05
Safflower, bls.....lb. .25 - .26
Saffron, Mexican, bls.....lb. .45 - .50
Spanish, tins.....lb.20.00 -21.00
Safrol, cns.....lb. .50 - .58
dms.....lb. .47 - .55
Sage, Dalmatian, stemless.....lb. .06 - .06½
garden, bls.....lb. .06¼- .06¾
Sago flour, bgs.....lb. .03¼- .04¼
Salicin, bots., 5 lbs.....lb. 5.00 - —
cns., 25 lbs.....lb. 4.75 - —
Salol, gran., bbls., 200 lbs.....lb. .90 - —
bxs., 25 lbs.....lb. .93 - —
kgs., 100 lbs.....lb. .90 - —
powd., flb. dms., 25 lbs.....lb. 1.03 - —
kgs., 100 lbs.....lb. 1.00 - —
Salt, rock, bgs., dlvd., N. Y..ton.11.80 -12.80
l.c.l., bgs., dlvd., N. Y.ton.14.00 -14.50
vacuum, common, fine, bgs., c.l., dlvd., N. Y..ton.14.80 - —
l.c.l., dlvd. N. Y.....ton.15.50 - —
Saltcake, grd., dom., bbls., works, ton.19.00 -23.00
bulk, works.....ton.12.00 -16.00
Import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, dbl. refined, cryst., 10-20 tons, bbls..100 lbs. 7.00 - 7.75
1-9 tons.....100 lbs. 7.40 - 7.90
less than ton lots..100 lbs. 7.40 - 8.15
gran., bbls., 10-20 tons.100 lbs. 6.00 - —
1-9 tons.....100 lbs. 6.15 - —
less than ton lots..100 lbs. 6.40 - —
powd., bbls., 10-20 tons.100 lbs. 7.00 - —
1-9 tons.....100 lbs. 7.15 - —
less than ton lots..100 lbs. 7.40 - —
Santonin, cryst., cns.....lb.25.00 -26.00
Saponin, crude, cns.....lb. 1.45 - —
purified, bots., 5 lbs.....lb. 1.65 - —
cns., 25 lbs.....lb. 1.50 - —
Sarsaparilla root, Honduras, bls.lb. .45 - .50
Mexican, bls.....lb. .19 - .20
Sassafras bark, ord., bls.....lb. .12 - .13
select bls.....lb. .22 - .23
Savory, bbls.....lb. .08 - .08½
Saw palmetto berries, bgs.....lb. .40 - .45
Scammony root, bgs.....lb. .06 - .07
Schaeffer's salt, bgs.....lb. .46 - —
Seidlitz mixture, bbls., 5,000 lbs., 1 shipm't..lb. .12⅝- —
smaller lots.....lb. .13¼- —
kegs, 5,000 lbs., 1 shipm't.lb. .13¼- —
smaller lots.....lb. .13⅝- —
Senega root, bls.....lb. .60 - .62
Senna leaves, Alexandria, bls.lb. .10 - .11
Tinnevelly, No. 1, bls.....lb. .10 - .11
2, bls.....lb. .07 - .08
3, bls.....lb. .05 - .06
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .10 - .11
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .80 - .85
Shellac, bleached, lunedry, bbls., f.o.b., N.Y..lb. .17½- .18
dlvd. Boston.....lb. .18 - .18½
Chicago.....lb. .18½- .19
Pacific Coast.....lb. .19½- .20
refd., bbls., f.o.b. N. Y.....lb. .24 - .25
dlvd. Boston.....lb. .19 - .19½
Chicago.....lb. .19½- .20
Pacific Coast.....lb. .20½- .21
Garnet, bgs.....lb. .14 - .15
Orange, D.C., VSO., Diamond, cases..lb. .22 - .23
superfine, bgs., f.o.b. Bost., N. Y...lb. .13½- .14
dlvd. Chicago.....lb. .14½- .15
Pacific Coast.....lb. .16½- .17
T N., bgs., f.o.b. Bost., N.Y., lb. .12½- .13
dlvd., Chicago.....lb. .13½- .14
Pacific Coast.....lb. .15½- .16
Shellac varnish, orange, 5-lb. cut, bbls..lb. .90 - 1.06
4½-lb. cut, bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut, bbls.....gal. .95 - 1.05
Silica, amorph., dry-grd., 95-97%, 325 mesh, bgs., c.l., works.ton.17.00 - —
l.c.l., 2½ tons, works.ton.19.00 - —
smaller lots, works.ton.20.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works..ton.18.00 - —
l.c.l., 2½ tons, works.ton.19.50 - —
smaller lots, works.ton.21.00 - —
400 mesh, bgs., c.l., works, ton.35.00 - —
l.c.l., 2½ tons, works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
96-98%, 325 mesh, bgs., c.l., works..ton.20.00 - —
l.c.l., 2½ tons, works.ton.21.50 - —
smaller lots, works.ton.23.00 - —
99%, 325 mesh, bgs., c.l., works..ton.22.00 - —
l.c.l., 2½ tons, works.ton.25.50 - —
smaller lots.....ton.27.00 - —
Silica, hard-quartz, 140 mesh, bgs., c.l., works..ton.11.00 - —
l.c.l., works.....ton.16.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Nitrate, vis.....oz. .32⅞- .34⅞
Nucleinate, bots., cns., 480 ozs., oz. .30 - .31
Proteinate, bots., cns., 480 ozs., oz. .29 - .30
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....lb.76.00 -80.00
Skullcap, Eastern, bls.....lb. .24 - .25
Western, bls.....lb. .17 - .18
Skunk cabbage root, bls.....lb. .15 - .16
Slate flour, bgs., c.l., works..ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .09 - .10
Smalt, black, extra velvet, ctns. lb. .05 - .08
Blue, cts.....lb. .07 - .08½
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .12
cut, bls., bbls.....lb. .10 - .11
powd., bbls.....lb. .13 - .14
Soda, abietate, dms.....lb. .13 - —
Acetate, anhyd., dms.....lb. .08¼- —
flake, gran., powd., 60% dms..lb. .04¼- .05
Alginate, dms.....lb. .69 - —
Antimoniate, bbls.....lb. .14¾- .15¼
Arsenate, dms., dealers, c.l., works..lb. .08 - —
l.c.l., dms., works.....lb. .08½- —
Arsenite, dry, gray, dms., c.l., dealers' works..lb. .07½- .09½
l.c.l., dms., works.....lb. .08 - .10
white, dms., c.l., dealers' works..lb. .09 - .13
l.c.l., dms., works.....lb. .09½- .13½
liquid, dms., works.....gal. .30 - .33
Soda arsenite, powd., bbls.....lb. .13 - .14
Soda arsenite, dry, gray prices are ¾c. per pound higher in Chicago; 1c. per pound higher in Houston, Tex., and Colorado. White prices are 1c. per pound higher in Tex. and Colo.
Ash, dense, 58%, bgs., c.l., works..100 lbs. 1.10 - —
l.c.l., Zone 1.....100 lbs. 2.03 - —
2.....100 lbs. 2.18 - —
3.....100 lbs. 2.43 - —
4.....100 lbs. 2.83 - —
bbls., c.l., works....100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2.....100 lbs. 2.40 - —
3.....100 lbs. 2.65 - —
4.....10 lbs. 3.05 - —
bulk, c.l., works.....100 lbs. .95 - —
Soda ash, extra light, 58%, bgs., c.l..100 lbs. 1.08 - —
l.c.l., Zone 1.....100 lbs. 1.98 - —
2.....100 lbs. 2.13 - —
3.....100 lbs. 2.38 - —
4.....100 lbs. 2.78 - —
bbls., c.l.....100 lbs. 1.45 - —
l.c.l., Zone 1.....100 lbs. 2.35 - —
2.....100 lbs. 2.50 - —
3.....100 lbs. 2.75 - —
4.....100 lbs. 3.15 - —
bulk, c.l.....100 lbs. .90 - —
light, 58%, bgs., c.l., works, 100 lbs. 1.05 - 1.08
l.c.l., Zone 1.....100 lbs. 1.98 - —
2.....100 lbs. 2.13 - —
3.....100 lbs. 2.38 - —
4.....100 lbs. 2.78 - —
bbls., c.l., works..100 lbs. 1.35 - —
l.c.l., Zone 1.....100 lbs. 2.25 - —
2.....100 lbs. 2.40 - —
3.....100 lbs. 2.65 - —
4.....100 lbs. 3.05 - —
bulk, c.l.....100 lbs. .90 - —

Red, Vermilion—Soda Bicarb

Soda ash l.c.l. prices are per 100 lbs. and include delivery in any quantity to customer's sidewalk within recognized local trucking distance of seller's warehouse. For ex warehouse, deduct 15c. per 100 lbs. from the above prices; out of town shipments, use ex warehouse prices as f.o.b. cars at warehouse stock point. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky., N. E. States (in Me., N.H., Vt.), special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N. C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, tech., bbls., 4,000 lbs. or more..lb. .39 - —
1,000 to 3,900 lbs.....lb. .40 - —
900 lbs. or less.....lb. .43 - —
USP, bbls., 4,000 lbs., or more..lb. .46 - —
1,000 to 3,900 lbs.....lb. .47 - —
900 lbs. or less.....lb. .50 - —
dms., 4,000 lbs. or more.lb. .47 - .48
1,000 to 3,900 lbs.....lb. .48 - .49
900 lbs. or less.....lb. .51 - .52
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls., c.l., works.. 100 lbs. 1.75 - —
l.c.l., dlvd. N. Y...100 lbs. 2.39 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N. Y...100 lbs. 2.64 - —


THE STAGE IS SET . . .
The curtain goes up
December 6 on the
16th EXPOSITION
of CHEMICAL
INDUSTRIES
OIL, PAINT
and
DRUG NEWS
in the making!
The supply and demand of the raw materials, equipment and machinery bought and sold in your business change as new methods and equipment are adopted. To bring yourself fully up-to-date within one short week — to see new materials which will replace the old, new uses for materials now on the market, new equipment which will introduce new methods, visit the
16th EXPOSITION
of CHEMICAL
INDUSTRIES
Grand Central Palace, New York
Dec. 6 to 11, 1937
Managed by INTERNATIONAL EXPOSITION CO.
World's Largest Exposition Organization
7805

Soda Bichrom.—Styralyl Acet.

Soda, bichromate, spot, c.l., works..lb. .06⅝- —
6 cks. or 10 bbls. or over, works..lb. .06¾- —
5 cks. or 9 bbls. or less, works..lb. .07 - —
Bifluoride, bbls.....lb. .12 - —
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 3.25 - 3.35
l.c.l., works.....100 lbs. 3.50 - 3.60
solution, 32 deg., bbls., c.l., works..100 lbs. 1.30 - —
l.c.l., bbls., works.100 lbs. 1.55 - —
33 deg., bbls., c.l., works. 100 lbs. 1.35 - —
l.c.l., bbls., works.100 lbs. 1.60 - —
35 deg., bbls., c.l., works. 100 lbs. 1.40 - —
l.c.l., bbls., works.100 lbs. 1.65 - —
40 deg.,bbls., works.100 lbs. 1.55 - —
l.c.l., bbls., works.100 lbs. 1.80 - —
Bromide, U.S.P., gran., bbls., 500 lbs..lb. .31 - —
fiber dms., 100 lbs.....lb. .32 - —
Cacodylate, bots., 5 lbs.....lb. 6.82 - —
jars 25 lbs.....lb. 6.50 - —
Carbonate (see Soda ash, soda menohydrated soda, sal)
Caustic, flake, 76% 1, grd., powd., ammon. process, bbls., c.l., works..100 lbs. 2.70 - —
dms., c.l., works...100 lbs. 2.70 - —
l.c.l., Zone 1....100 lbs. 3.45 - 4.80
2 .....100 lbs. 3.60 - 4.95
3 .....100 lbs. 3.85 - 5.20
4 .....100 lbs. 4.25 - 5.00

Soda, caustic, flake, electro process, dms., c.l., works, 100 lbs. 2.70 - —
l.c.l., same zone prices as ammonia process.
liquid, 47-49% buyer's tanks, tanks, works..100 lbs. 1.95 - —
seller's tanks, works..... 100 lbs. 1.97½- —
70%, buyer's tanks, works, 100 lbs. 1.97½- —
seller's tanks, works..... 100 lbs. 2.00 - —
solid, 76%, ammon. process, dms.,c.l.,works..100 lbs. 2.30 - —
l.c.l., Zone 1....100 lbs. 3.05 - —
2 .....100 lbs. 3.20 - —
3 .....100 lbs. 3.45 - —
electro process, dms., c.l., works..100 lbs. 2.30 - —
l.c.l., same zone prices as ammon. process.
Caustic soda l.c.l. prices are on the same basis as those for soda ash. The same zones are also the same.
Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works.....lb. .06½- .08
powd., bgs., c.l., works..lb. .06½- —
l.c.l., works.....lb. .07 - .08½
Citrate, U.S.P. VIII, gran., bbls..225 lbs. .21 - —
cns. 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns. 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28 - —

Soda, citrate, USP X, powd., bbls., 250 lbs..lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .16½- .17¼
import., cs.....lb. .16¼- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Phila..lb. .07¼- —
l.c.l., 10 or over, same basis..lb. .07½- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
95%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9 same basis.....lb. .08¼- —
1-4, same basis.....lb. .08½- —
Soda fluoride prices at Los Angeles are f.a.s. Phila.
Glycerophosphate, N.F., cryst., bbls., 1,000-lb. lots..lb. 1.00 - —
smaller lots.....lb. 1.15 - —
cns., 25 lbs.....lb. 1.40 - —
powd., bbls., 1,000-lb. lots, lb. 1.05 - —
smaller lots .....lb. 1.20 - —
cns., 25 lbs. .....lb. 1.45 - —
Hydrosulphite, bbls.....lb. .16 - .17
Hydroxide, USP, sticks, cns., 160 lbs..lb. .23 - .24
Hypophosphite, N.F., cns., 100 lbs..lb. .67 - —
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls. .....100 lbs. 2.50 - 3.05
gran., bbls. .....100 lbs. 2.75 - 3.30
Iodate, jars .....lb. 5.02 - 5.07
Iodide, jars .....lb. 1.90 - 1.95
Mandelate, bots., 5 lbs.....lb. 3.30 - —
jars, 25 lbs. .....lb. 3.20 - —
Metanilate, kgs .....lb. .41 Nom.

Soda, metasilicate, cryst., bbls., c.l., gran., bbls., c.l., works, 100 lbs. 2.15 - —
l.c.l., dlvd.....100 lbs. 2.60 - 2.80
Molybdate, tech., anhyd., kgs., lb. No prices.
cryst., kgs.....lb. No prices.
Monohydrated, bbls.....100 lbs. 2.00 - —
works .....100 lbs. 2.30 - —
Naphthenate, bbls.....lb. .19 - —
Naphthionate, bbls.....lb. .52 - .54
Nitrate, crude, c.l., 100-lb. bgs., Sept.-June dlvy, f.o.b. cars producing point or ports, rail or boat shipment..ton.29.00 - —
200-lb. bgs., same basis, ton.28.30 - —
bulk, same basis.....ton.27.00 - —
rfd., gran., bbls., 25..100 lbs. 2.25 - —
5-24 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls., ton lots....lb. .05⅞- —
smaller lots .....lb .06¼- —
Nitrite, 96-98%, dom., bbls., c.l., works, frt. equalized..lb. .07 - —
c.l., West Coast, f.o.b. f.o.b. ports..lb. .08¼- —
l.c.l. .....lb. .08½- .11⅛
Soda nitrite l.c.l. price range represents delivery at various points.
Oxalate, neut., bbls.....lb. .09 - —
kgs .....lb. .11 - —
Perborate, NF, bbls., c.l., works..lb. .14¾- —
l.c.l. works.....lb. .15¼- —
Phosphate, dibasic, tech., bgs., , c.l., works..100 lbs. 1.70 - —
l.c.l., works.....100 lbs. 1.95 - —
bbls., c.l., works...100 lbs. 1.90 - —
l.c.l., works.....100 lbs. 2.10 - —
monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 - —
l.c.l. .....100 lbs. 8.35 - —
tribasic, bgs., c.l., works.... 100 lbs. 1.85 - —
l.c.l., works.....100 lbs. 2.25 - —
bbls., c.l., works...100 lbs. 2.05 - —
l.c.l., works.....100 lbs. 2.45 - —
kgs., c.l., works....100 lbs. 2.55 - —
l.c.l., works.....100 lbs. 2.95 - —
Picramate, kgs.....lb. .65 - —
Prussiate, yellow, bbls., works, lb. .10 - .11½
Pyrophosphate, anhyd., bbls.lb. .10 - —
cryst., bbls.....lb. .09½- —
Ricinoleate, tech., bbls.....lb. .12 - —
Sal, bgs., dlvd., N. Y....100 lbs. 1.20 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N. Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Sesquisilicate, dms., c.l., works, 100 lbs. 3.00 - —
20 dms. and up, delvd.N.Y.C. 100 lbs. 3.65 - —
5-19 dms.....100 lbs. 4.10 - —
1-4 dms.....100 lbs. 4.30 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .80 - —
l.c.l., 5 or more, works, 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
52° dms., c.l., works..100 lbs. 1.25 - —
l.c.l., 5 or more, works, 100 lbs. 1.60 - —
1-4, works.....100 lbs. 1.75 - —
Silicofluoride, dom., bbls....lb. .05¾- .06
import, bbls.....lb. .05¾- .06
Stannate, dms.....lb. .37¼- .40½
Stearate, lump, powd., bbls., works..lb. .24 - —
Sulphate, anhyd., bgs., bbls., c.l., works..100 lbs. 1.45 - 1.65
5 tons or over, works. 100 lbs. 1.70 - 1.90
less than 5 tons, works. 100 lbs. 1.95 - 2.15
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works..100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd. 100 lbs. 3.00 - —
solid, bbls., c.l., works.100 lbs. 3.00 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd. 100 lbs. 3.75 - —
Sulphite, cryst., bgs., works... 100 lbs. 2.10 - 2.35
bbls. .....100 lbs. 2.30 - 2.55
powd., bbls., c.l.....100 lbs. 5.25 - —
l.c.l., 5 or more...100 lbs. 5.50 - —
1-4, ...100 lbs. 6.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .28 - .47
Sulphoricinoleate, bbls.....lb. .12 - —
Thiosulphate (see hyposulphite)
Tungstate, CP., kgs.....lb. No prices
tech., kgs.....lb. No prices
Solvent naphtha, high-flash, dms., works, frt. equald. gal. .36 - —
tanks, same basis.....gal. .31 - —
water-white, dms., works.gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works.gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .25 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .20 - .22
Spikenard root, bls.....lb. .15 - .17
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04¼- —
super, bbls., works.....lb. .01⅞- —
tanks, works.....lb. .01⅝- —
Squawvine leaves, bls.....lb. .15 - .17
Squill. red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .08½- .09
Starch, corn, pearl, bgs..100 lbs. 3.78 - 3.98
powd., bgs.....lb. 3.88 - 4.08
Iodide, bots.....lb. 1.87 - —
Potato, dom., bgs.....lb. .05½ Nom.
import, bgs.....lb. .05½ Nom.
Rice, bbls.....lb. .07¼ Nom.
Wheat, thick boil, bbls.....lb. .07 Nom.
Staveacre seed, bgs.....lb. .25 - .26
Stearin, oleo, bbls.....lb. .09 - .09¼
Stillingia root, bls.....lb. .09½- .10
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .50
Stramonium leaves, bls.....lb. .11 - .12
Seed, bgs.....lb. .09 - .10
Strontium bromide, fib, dms..lb. .57 - .58
kgs., 150 lbs.....lb. .55 - —
Carbonate, pure, bbls.....lb. .80 - .81
Iodide, jars, 25 lbs.....lb. 2.70 - —
bots., 5 lbs.....lb. 2.76 - —
Nitrate, dom., bbls., c.l., works..lb. .07¾- —
25 bbls. and over.....lb. .08¼- —
1-4 bbls. and over.....lb. .08¾- —
import, bbls.....lb. .08½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.50
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .64 - —
Arsenate, cns.....oz. .66 - —
Arsenite, cns.....oz. .64 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .64 - —
Hydrophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .58 - —
Phosphate, cryst., cns.....oz. .65 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .52 - .55
Styralyl acetate, bots.....lb. 6.75 - 7.00

TRIBUTYL PHOSPHATE

$(C_4H_9)_3PO_4$

AN unusual chemical to assist you in improving your processes and in developing new products is Tributyl Phosphate. This odorless, colorless, and very stable liquid possesses a high boiling point, a low freezing point, and low solubility in water; properties which suggest numerous industrial applications.

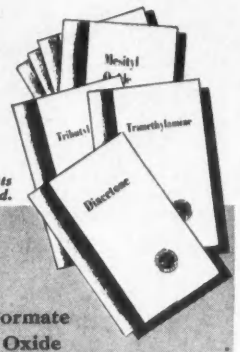
Tributyl Phosphate is miscible with most organic liquids and is an excellent solvent for a wide variety of materials. The literature suggests the use of this chemical as a plasticizer in nitrocellulose and cellulose acetate lacquers and plastics. Tributyl Phosphate minimizes the tendency of these materials to yellow when exposed to light and improves the adherence and reduces the flammability of nitrocellulose films. Its effectiveness as an anti-foam agent should make Tributyl Phosphate of interest in the processing of paper and textiles, and in the manufacture of dyes and pharmaceuticals.

The facilities of our Research Laboratories are available for cooperation in work involving use of this material. We will gladly send samples and technical data.

PROPERTIES OF TRIBUTYL PHOSPHATE CSC

Specific Gravity: 0.973 to 0.983 at 20° C./20° C.
Acidity: Not more than 0.05%, calculated as phosphoric acid.
Water: No turbidity when one volume is mixed with 19 volumes of 60 Be. gasoline at 20° C.
Color: Water-white.
Odor: None.
Refractive Index: 1.4248 at 20° C.
Molecular Weight: 266.23.
Boiling Point: 177° C. to 178° C. at 27 mm. of mercury.
Melting Point: Below —80° C.
Flash Point: 146° C. (294.8° F.)
Solubility in Water: 0.6% by volume.
Solubility of Water in Tributyl Phosphate: 2.6% by volume.
Weight per U. S. Gallon: 8.13 pounds at 68° F.

Technical data sheets on Tributyl Phosphate and other Commercial Solvents Corporation's chemicals are available. Please write on your letterhead.



Products of Commercial Solvents Corporation

Acetone
Amyl Acetate
Butalyde
Butanol
Butyl Acetate
Butyl Acetyl Ricinoleate
Butyl Lactate
Butyl Oleate
Butyl Ricinoleate
Butyl Stearate
Diacetone
Dibutyl Ether
Dibutyl Oxalate
Dibutyl Phthalate
Dibutyl Tartrate
Dimethyl Phthalate
Ethyl Acetate
Ethyl Alcohol*
(Pure and all denatured formulas)
Ethyl Formate
Mesityl Oxide
Methanol
Methyl Lactate
Methylamines
Shellacol*
Tributyl Citrate
Tributyl Phosphate
Triethyl Phosphate

*regular and anhydrous grades

COMMERCIAL SOLVENTS CORPORATION — U.S.A.

COMMERCIAL SOLVENTS CORPORATION
NEW YORK CENTRAL BUILDING, NEW YORK, N. Y.
PROMPT SHIPMENT FROM BRANCH OFFICES AND WAREHOUSES

Sucrose octa - acetate, denat. grade, bbls., l.c.l., works..lb. .45 - —
tech., bbls., l.c.l., works....lb. .40 - —
Sugar coloring, bbls.....gal. .75 - 1.10
Milk, bbls, c.l.....lb. .15 - —
l.c.l., 10 or over.....lb. .16 - —
less than 10.....lb. .17 - —
Sulfanilamide, 5 lb. bots.....lb. 2.60 - —
flb., dms., 1,000 lbs.....lb. 2.00 - —
500 lbs.....lb. 2.10 - —
100 lbs.....lb. 2.20 - —
Sulphonethylmethane, kgs.....lb. 6.75 - 6.80
Sulphonmethane, kgs.....lb. 5.25 - 5.30
Sulphur, crude, bulk, 1,000 tons, mines, contracts, long ton.18.00 - —
c.l., spot, nearby, long ton.21.00 - —
ex vessel, Balto., N. Y., Phila., Southern ports, long ton.22.00 -25.00
Bost., Portland..long ton.22.50 -25.50
flowers, bgs., c.l., works.100 lbs. 3.00 - —
bbls., works.....100 lbs. 3.25 - —
l.c.l., bgs., works..100 lbs. 3.35 - 3.75
bbls, wks.....100 lbs. 3.70 - 4.10
refined, broken, bgs., c.l., works..100 lbs. 2.15 - —
bbls., works.....100 lbs. 2.30 - —
l.c.l., bgs., works..100 lbs. 2.50 - 2.90
bbls., works.....100 lbs. 2.65 - 3.05
flour, com'l., bgs., c.l., works, 100 lbs. 1.65 - —
bbls., c.l., works..100 lbs. 1.95 - —
l.c.l., bgs., works..100 lbs. 1.95 - 2.35
bbls., works.....100 lbs. 2.30 - 2.70
extra fine, bgs., c.l., works, 100 lbs. 2.85 - —
bbls., works....100 lbs. 3.20 - —
heavy, bgs., c.l., works, 100 lbs. 2.55 - —
bbls., works....100 lbs. 2.90 - —
l.c.l., bgs., works..100 lbs. 2.90 - 3.30
bbls., works....100 lbs. 3.25 - 3.65
light, bgs., c.l., works..100 lbs. 2.65 - —
bbls., works....100 lbs. 3.00 - —
l.c.l., bgs., works..100 lbs. 3.00 - 3.40
bbls., works....100 lbs. 3.35 - 3.75
rock, virgin, bbls., c.l., works, 100 lbs. 2.30 - —
l.c.l., bbls., works.100 lbs. 2.15 - —
roll, bgs., c.l., works..100 lbs. 2.35 - —
bbls., works....100 lbs. 2.50 - —
l.c.l., bgs., works..100 lbs. 2.70 - 3.10
bbls., works....100 lbs. 2.85 - 3.25
Chloride, 55-gal. dms., c.l....lb. .03 - —
l.c.l., dms., works.....lb. .04 - —
10-gal. dms., c.l.....lb. .07 - —
l.c.l.....lb. .08 - —
Dioxide, liq., com'l., cyls., works..lb. .07 - .09
multi-unit cars, works..lb. .04½- .07
tanks, works .....lb. .04 - .05
refrigeration, cyls., works.lb. .16 - .40
multi-unit cars, works..lb. .07½- .10
Iodide bots., jars.....lb. 3.80 - 3.85
Sumac, grd., Silician, bls....ton.60.00 - —
leaf, bales.....ton.65.00 - —
Extract, 42°, bbls.....lb. .05¼- .06¾
51°, bbls.....lb. .06½- .08½
stainless, bbls.....lb. .08½- .09¼
Sunflower seed, Calif., large, bgs., lb. .06 - .06½
medium, bgs.....lb. .05½- .06
poultry, bgs.....lb. .05 - .05½
Superphosphate, guaranteed, 16%, bulk, f.o.b. cars, boat, Balto. ton. 9.00 - —
run-of-pile, basis 16%, bulk, same basis..ton. 8.50 - —
triple, 44-45%, a.p.a. bulk, f.o.b. Balto..unit-ton. .85 - —

T

Talc, dom., Calif., 1, bgs., c.l., mills..ton.20.00 - —
2, bgs., c.l., mills.....ton.17.00 - —
N.Y., fibrous, 93-94%, 325 mesh, bgs., c.l., mills. ton.14.00 - —
l.c.l., mills.....ton.16.00 - —
96.98%, 325 mesh, bgs., c.l., mills..ton.15.00 - —
l.c.l., mills.....ton.17.00 - —
98-99¼%, 325 mesh, bgs., c.l., mills..ton.15.25 - —
l.c.l., mills.....ton.17.25 - —
99.85-99.95% 325 mesh, bgs., c.l., mills..ton.17.00 - —
coarse, off color, bgs., c.l., mills..ton.11.00 -13.00
Ohio, alum-magn. type, grd., bgs., c.l., mills..ton.21.00 - —
l.c.l., mills.....ton.24.00 - —
Vermont, bgs., c.l., mills.ton.14.00 - —
l.c.l., ex whse.....ton.25.00 - —
import, Canad., bgs., c.l., dlvd..ton.28.00 - —
l.c.l., dlvd.....ton.28.50 - —
French, high-grade, bgs., l.c.l., ex whse..ton.45.00 -60.00
ordinary, bgs., c.l., ex dock, arrival..ton.23.00 -25.00
l.c.l., ex whse.....ton.27.50 -32.50
Italian, 1, bgs., ex dock, arrival..ton.65.00 -67.00
ex whse.....ton.85.00 - —
2, bgs., ex dock, arrival.ton.60.00 -62.00
Tallow, animal, edible, bbls....lb. .08¼ Nom.
extra, loose, works.....lb. .07⅝- —
special, loose, works.....lb. .07¼- —
sulphonated 25% (24% fat), dms., c.l..lb. .07 - —
l.c.l. .....lb. .07½- —
50% (43% fat), dms., c.l..lb. .07½- —
l.c.l. .....lb. .08 - —
50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
Tamarinds, W. I., bbls.....lb. .06 - .06½
kegs .....keg. 5.00 - 5.25
Tankage, animal, dom., grd., 10-12% ammon., 15-20% b.p.l., bulk.....unit-ton. 3.40 & .10
unground, 9-11% ammon., 15-20% b.p.l., bulk..... unit-ton. 3.25 & .10
fertilizer grade, 10-11% ammon., 15-20% b.p.l., bulk, Chicago...unit-ton. 2.85 & .10
high-grade feeding, bulk, Chicago..unit-ton. 3.00 & .10
import., S. Amer., 10-12% ammon., 15% b.p.l., bulk, c.l.f. ports, shipt. unit-ton. 3.60 & .10
Tansy leaves, bls.....lb. .18 - .20
Tapioca flour, bgs.....lb. .03¾- .05¼
Tar acid oil, 15%, dms., c.l., works..gal. .22½- —
l.c.l., same basis.....gal. .25½- —
25%, dms., c.l., works....gal. .26½- —
l.c.l., same basis.....gal. .29½- —
Pine, retort, dms., c.l., dlvd. E. cities..gal. .26 - —
dlvd. ports.....gal. .25 - —
l.c.l.....gal. .26 - —
tanks, dlvd. E. cities....gal. .20 - —
Tartar emetic tech., fine gran., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
powd., bbls., 5 or more..lb. .26¾- —
less than 5.....lb. .27 - —
USP, powd., bbls.....lb. .32 - .32½
Terebene, cns.....lb. .70 - .75
Terpinyl acetate, cns.....lb. .80 - 1.00
Terpin hydrate, kgs.....lb. .45 - .46
Terpineol, CP, cns.....lb. .26 - —
dms. .....lb. .23 - —
Terpineol, alpha, denat. grade, dms., c.l..lb. .14¾- —
contracts .....lb. .13¾- —
tanks .....lb. .14 - —
contracts .....lb. .13 - —
Terra alba (see Gypsum).
Tetrachloroethane, dms., works.lb. .08 - .08½
Tetrachloroethylene, CP, dms..lb. .21½- —
tech., dms.....lb. .10½- —
Tetralin, dms.....lb. .12 - —
Thallium sulphate, 99% pure, dms. works..lb. 7.25 - 7.50
Theobromine, cns.....lb. 1.85 - 1.95
Sodiosalicylate, cns.....lb. 1.65 - 1.75
Thiocarbanilide, dms.....lb. .20 - —
Thorium nitrate, cs., works...lb. 2.00 - —
Thyme, French, bls.....lb. .13 - .13½
Thymol, bots., 100 lbs.....lb. 1.65 - —
smaller lots.....lb. 1.70 - 1.95
Iodide, kgs., 50 lbs.....lb. 3.15 - 3.20
25 lbs.....lb. 3.25 - 3.30
Timbo root, powd., impt., 5% rotenone, bbls., ex-dock, approved assay, 15 tons lb. .26 - —
5 tons, same bases....lb. .27 - —
4% rotenone prices 5c. per lb., less.
Tin, crystals, bbls., kgs.....lb. .42 - .42½
Metal, Straits.....lb. .58½- —
Oxide, bbls.....lb. .60 - .62
Tetrachloride, anhyd., bbls..lb. .29½- —
Titanium, dioxide, bgs., c.l. (20 tons), E. frt. alld..lb. .16 - —
Pac. cst., f.o.b. terminals, lb. .16 - —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16½- —
Pac. cst., ex whse...lb. .16½- —
50-999 lbs., E. dlvd.....lb. .16¾- —
Pac. cst., ex whse....lb. .16¾- —
under 50 lbs., E. dlvd..lb. .19 - —
Pac. cst., ex whse....lb. .19 - —
bbls., c.l. (20 tons) E., frt. alld..lb. .16¼- —
l.c.l., 1,000-39,999 lbs., E. dlvd..lb. .16¾- —
50-999 lbs., E. dlvd.....lb. .17 - —
pigment, barium, calcium, or magnesium base, bgs., c.l., E. frt. alld.....lb. .05⅞- —
Pac. cst., f.o.b. terminal. lb. .05¾- —
l.c.l., E. dlvd.....lb. .06⅛- —
Pac. cst., ex whse..lb. .06⅛- —
under 50 lbs., E. dlvd.lb. .06⅞- —
bbls., c.l., E., frt. alld....lb. .06⅛- —
l.c.l., E. dlvd.....lb. .06⅜- —
Tolidin base, kgs.....lb. .88 - .90
distilled, kgs.....lb. .95 - 1.00
Tolu, balsam, cns.....lb. .45 - .50
Toluidin, mixed, dms.....lb. .26 - —
Toluol (toluene), pure, dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld. gal. .30 - —
W. of Omaha, works....gal. .30 - —
Tonga vine, NF, bls.....lb. .28 - .30
Tonka beans, Angostura, cks..lb. 2.50 - 2.60
Triacetin, dms.....lb. .36 - —
Triamyl borate, dms., l.c.l., works..lb. .27 - —
Triamylamine, dms., c.l., works, lb. .77 - —
l.c.l. works.....lb. .80 - —
Trichloroethylene, dms., c.l., works, frt. alld., E. of Rockies..lb. .089 - —
W. of Rockies.....lb. .099 - —
l.c.l., works, frt. alld., E. of Rockies..lb. .094- —
W. of Rockies.....lb. .104 - —
Tricresyl phosphate, CP, cns., dlvd..lb. .42 - .53
dms., c.l., dlvd.....lb. .36 - —
500 lbs., dlvd.....lb. .39 - —
tech., 1, cn., dlvd.....lb. .30 - .41
dms., c.l., dlvd.....lb. .26½- —
500 lbs., dlvd.....lb. .27 - —
2, cns., dlvd.....lb. .28 - .39
dms., c.l., dlvd.....lb. .24½- —
500 lbs., dlvd.....lb. .25 - —
Triethanolamine, dms., c.l., works, lb. .21 - —
l.c.l., works.....lb. .22 - —
tanks, works.....lb. .20 - —
Triethyleneglycol, dms., l.c.l., works..lb. .26 - —
Triphenyl phosphate, dms....lb. .34 - .38
Tripoli, air-floated, bgs., c.l., works..ton.25.00 - —
l.c.l., ex whse., N.Y....ton.40.00 - —
1 ton, works.....ton.30.00 - —
1 bg, works.....bag. 4.00 - —
double-grd., bgs., c.l. works.. ton.17.00 - —
l.c.l., 1 ton, works.....ton.22.50 - —
1 bg., works.....bag. 3.50 - —
once-grd., bgs., c.l., works..ton.15.00 - —
l.c.l., 1 ton, works.....ton.20.00 - —
1 bg., works.....bag. 3.00 - —
Trisodium phosphate (see Soda phosphate, tribasic).
Tungsten metal, powd., 98%, dms., lb. No prices
99% dms.....lb. No prices
Oxide, CP, kgs.....lb. No prices
tech., kgs.....lb. No prices
Turmeric root, Alleppey, bgs..lb. .05½- .06
Madras, bgs.....lb. .06½- .07
Turpentine, spirits, gum, bbls., c.l., ex dock..gal. .36½- —
l.c.l., 10, ex dock.....gal. .38½- —
5, ex dock.....gal. .40½- —
wood, dest.-dist., dms., c.l., dlvd. E. cities, ports...gal. .36 - —
l.c.l., same basis....gal. .38 - —
tanks, dlvd. E. cities..gal. .33 - —
steam-dist., dms., c.l., dlvd.gal. .35 - —
l.c.l., dlvd.....gal. .38 - —
tanks, dlvd.....gal. .30 - —

U

Unicorn root, false (see Helonias root).
True (see Aletris root.)
Uranium oxide, kgs.....lb. 1.50 - —
Urea, dom., 46 + % N, bgs., 5 tons, f.o.b. Atl. ports or Belle, W. Va..ton.95.00 - —
smaller lots, f.o.b. Belle, W. Va..ton.95.00 - —
f.o.b. N. Y.....ton.101.00 - —
import, 46% N. bgs., 5 tons, f.o.b. Atl., Gulf ports or Belle, W. Va., shipt.ton.95.00 - —
smaller lots, f.o.b. N. Y. from whse.101.00 - —
pure, cs. .....lb. .14¼- .15½
Urea-ammonia liquor 55% ammon., tanks, f.o.b. Belle, W. Va., or Atl. Gulf ports, NH_3 unit. No prices.
Uva ursi leaves, bls.....lb. .14 - .15

V

Valerian root bls.....lb. .09 - .10
Valonia, beards, bgs., shipt..ton.48.00 - —
Cups, bgs., shipt.....ton.34.00 - —
Vanila beans, Bourbon, tins...lb. 4.25 - 4.50
Mexican, tins.....lb. 4.40 - 4.75
cut, tins.....lb. 4.25 - 4.50
South American, tins.....lb. 4.25 - 4.50
Vanillin, ex eugenol, 25-lb. tins, 2,000 lbs. or more..lb. 3.65 - —
1,000 lbs. or more.....lb. 3.70 - —
900 lbs. or less.....lb. 3.75 - —
Vanillin, ex eugenol, 5-lb. tins, 2,000 lbs. or more..lb. 3.75 - —
1,000 lbs. or more.....lb. 3.80 - —
900 lbs. or less.....lb. 3.85 - —
1-lb. tins, 2,000 lbs. or more. lb. 3.90 - —
1,000 lbs. or more.....lb. 3.95 - —
900 lbs. or less.....lb. 4.00 - —
1-oz. tins, 2,000 lbs. or more. lb. 4.25 - —
1,000 lbs. or more.....lb. 4.30 - —
900 lbs. or less.....lb. 4.35 - —
single lbs.....lb. 4.80 - —
single ozs.....lb. 5.15 - —
Vanillin, ex guaiacol, 10c. per lb. less.
Venice turpentine, true, cs....lb. .35 - .36
Verdigris, bbls., kgs.....lb. .24 - .30
Violet, methyl. toner (see M).
V.M.P. naphtha (see petroleum naphtha, v.m.p.).

W

Wahoo root bark, bls.....lb. .55 - .57
Tree bark, bls.....lb. .25 - .26
Wattle bark, bgs., shipt.....ton.41.75 -43.75
Extract, bbls.....lb. .04⅝- —
Wax, bayberry, import, bgs...lb. .17 - .17¼
Bees, white, bleach, slabs., cs., 500 lbs. .39 - .40
yellow, crude, Africa, bgs., lots of 10..lb. .27 - .27½
1 bg.....lb. .27½- .28
Brazil, Chile, bgs., 5-10 tons..lb. .29 - .29½
1 ton.....lb. .29½- .30
500 lbs.....lb. .30 - .30½
100 lbs.....lb. .30½- .31
refd., slabs, cs., lbs...lb. .35 - .39
Candelilla, bgs., 1 ton.....lb. .13½- .14
jobbing lots.....lb. .14 - .14½
Carnauba, No. 3, bgs., chalky, 1 ton..lb. .38 - .38½
5 bgs.....lb. .38½- .39
1 bg.....lb. .39 - .39½
N. C. 2, bgs.....lb. .40¼- .40⅝
N. C. 3, bgs., 1 ton.....lb. .37⅝- .38⅛
5 bgs.....lb. .3 ⅛- .38⅝
1 bg.....lb. .38⅝- .39⅛
refined, bgs.....lb. .42 - .42½
yellow, No. 1, bgs., 1 ton..lb. .46 - .46½
5 bgs.....lb. .46½- .47
1 bg.....lb. .47 - .47½
No. 2, bgs.....lb. .44¾- .45½
Ceresin, dom., 138°-140° m.p., bgs., 1 ton..lb. .08½- —
jobbing lots.....lb. .09½- —
150°-160° m.p., bgs., 1 ton.lb. .09½- —
jobbing lots.....lb. .10½- —
160° m.p., bgs., 1 ton.....lb. .10½- —
jobbing lots.....lb. .11½- —
Japan, cs.....lb. .10¾- .11
Montan, bgs., c.l.....lb. .11 - —
5 tons.....lb. .11¼- .11¾
less than 1 ton.....lb. .11½- .12
Ozokerite, hard green, congeal p. 66°-68° C., bgs..lb. .62 Nom.
70°-72° C., bgs.....lb. .55 Nom.
74°-76° C., bgs.....lb. .58 Nom.
snow-white, pure, 76°-78° C., bgs..lb. .45 - .46
yellow, natural, 76°-78° C., bgs..lb. .35 - .36
Paraffin (see P).
Spermaceti, blocks, cs.....lb. .23 - .24
cakes, cs.....lb. .24 - .25
White lead (see Lead, white).
White pine bark, rossed, bls...lb. .05¼- .06
White precipitate, powd., bots. 5 lbs..lb. 1.99 - —
dms. .....lb. 1.86 - 1.88
Whiting, chalk, com'l., dry-grd., blp. bgs., c.l., works..ton.12.00 - —
l.c.l., works.....ton.14.00 - —
bbls., c.l., works.....ton.15.00 -16.50
l.c.l., works.....ton.17.00 - —
pap. bgs., c.l., works..ton.11.20 -13.50
l.c.l., works.....ton.13.20 -14.50
wet-grd., bgs., c.l., works, ton.14.50 -15.00
l.c.l., works.....ton.15.00 -19.00
bbls., c.l., works.....ton.17.00 -18.00
gilder's bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -19.50
l.c.l., works.....ton.19.00 -20.00
pap. bgs., c.l., works..ton.14.60 -15.50
l.c.l., works.....ton.15.60 -16.50
extra bolted, blp. bgs., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -22.50
l.c.l., works.....ton.19.00 -22.00
pap. bgs., c.l., works..ton.14.60 -17.50
l.c.l., works.....ton.15.60 -18.50
Paris white, blp. bags., c.l., works..ton.15.00 - —
l.c.l., works.....ton.16.00 - —
bbls., c.l., works.....ton.18.00 -24.00
l.c.l., works.....ton.19.00 -25.00
pap. bgs., c.l., works..ton.14.60 -20.00
l.c.l., works.....ton.15.60 -21.50
English cliffstone (see Whiting, chalk, Paris white)
limestone, air floated, 99.75%, 250 mesh, paper bgs., c.l., works..ton. 9.35 - —
99.75% 200 mesh, paper bgs., c.l., same basis..ton. 8.60 - —
90% 200 mesh, paper bgs., c.l., same basis..ton. 6.25 - —
gilders, bgs. (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
extra, bgs., (extra), c.l., works..ton.12.50 - —
l.c.l., 8-20 tons, works. ton.13.50 - —
4-8 tons, works.....ton.14.50 - —
2-4 tons, works.....ton.15.50 - —
putty grade, bgs. (extra), c.l., works..ton.11.00 - —
l.c.l., 8-20 tons, works.ton.12.00 - —
4-8 tons, works.....ton.13.00 - —
2-4 tons, works.....ton.14.00 - —
water-floated, bgs, (extra), c.l., works..ton.11.50 - —
l.c.l., 8-20 tons, works.ton.12.50 - —
4-8 tons, works.....ton.13.50 - —
2-4 tons, works.....ton.14.50 - —
precipitated, bgs., c.l., works, ton.15.00 - —
l.c.l., 5 tons, works....ton.20.00 - —
smaller lots, works....ton.25.00 - —
Wild cherry bark, thick, natural, bls..lb. .04½- .05
rossed, bls.....lb. .06½- .07
thin, natural, bls.....lb. .06½- .07
rossed, green, bls.....lb. .10 - .11
Wild indigo root, bgs.....lb. .09 - .10
Witch-hazel extract, dist., NF, bbls..gal. .55 - .65
Leaves, bls.....lb. .07½- .08
Witherite (see Barium carbonate, natural).
Woodflour, dom., fine, bgs., extra, c.l., works..ton.25.00 - —
standard, bgs., c.l., works.. ton.20.00 - —
import, 40-60 mesh, bgs., ex dock..ton.20.00 - —
70-80 mesh, bgs., ex dock.ton.22.00 - —
100 mesh, bgs., ex dock...ton.27.00 - —
120 mesh, bgs., ex dock...ton.33.00 - —
Wormseed, American, bgs....lb. .19 - .20
Levant, bgs.....lb. 3.90 - 4.00
Wormwood, bls.....lb. .09 - .10

X

Xylol (xylene), com'l., dms., works..gal. .35 - —
tanks, E. of Omaha, frt. alld., gal. .30 - —
W. of Omaha, works...gal. .30 - —
tanks, E. of Omaha, frt. alld., gal. .41 - —
W. of Omaha, works....gal. .41 - —
5°, dms., works.....gal. .41 - —
tanks, E. of Omaha, frt. alld., gal. .36 - —
W. of Omaha, works....gal. .36 - —
10°, dms., works.....gal. .36 - —
tanks, E. of Omaha, frt. alld., gal. .33 - —
W. of Omaha, works....gal. .33 - —
Xylidin, mixed, dms.....lb. .35 - .36

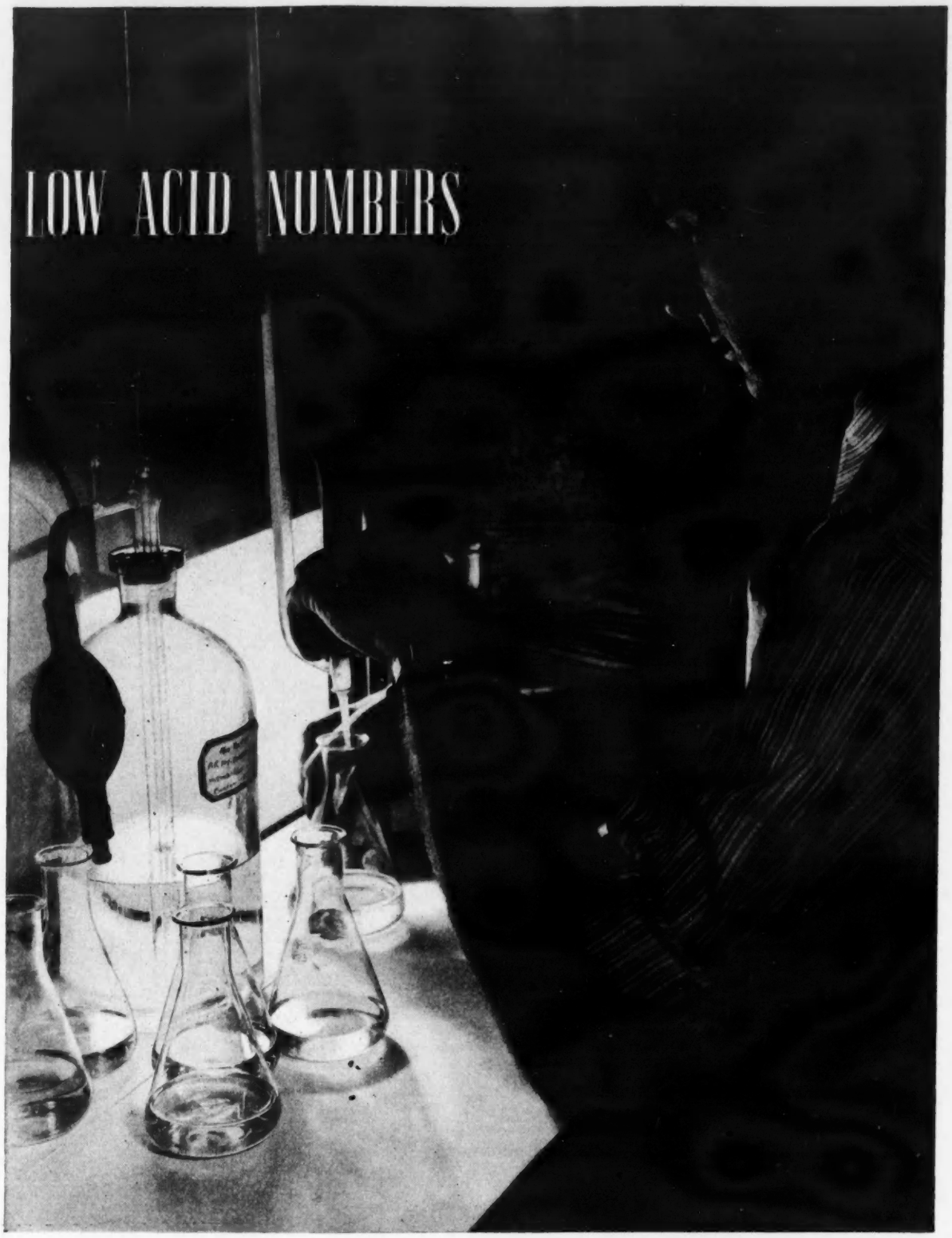
Y

Yara yara, cryst., cns.....lb. 1.25 - 1.50
Yellow, cadmium, CP, import., bxs..lb. 1.80 - 2.50
lithopone, all shades, bbls., 1 ton, works, frt. alld.lb. .45 - —
smaller lots, same basis, lb. .50 - —
kgs., ton lots, same basis, lb. .50 - —
smaller lots, same basis, lb. .55 - —
sulphide, orange, bbls., works, lb. 1.50 - 1.60
Chrome, CP, bbls., dlvd. N of Tenn. and N. C., E. of Miss. R., including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts..lb. .14½- —
open order.....lb. .15½- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.), Miss., N. C., S. C., Tenn., Tex. (Dallas, Ft. Worth, 1¼c.; El Paso 2c.), Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; ½c. higher dlvd. Pac. coast; for Denver, Pueblo, Salt Lake City, Wichita, prices are equalized with Chicago.
Dutch pink, bbls.....lb. .09 - .11
Mercury oxide (see M).
Ocher, Amer., golden, works..lb. .06¾- —
B, bbls., works.....lb. .04¾- —
C, bbls., works.....lb. .03½- —
yellow, A, bbls., works...lb. .02¾- —
B, bbls., works.....lb. .02½- —
C, bbls., works.....lb. .02 - —
D, bbls., works.....lb. .0195- —
E, bbls., works.....lb. .01775- —
F, bbls., works.....lb. .01½- —
G, bbls., works.....lb. .01½- —
H, bbls., works.....lb. .01¾- —
French, all shades, cks., c.l., ex dock, Balto, Boston, N. Orleans, for import.lb. .02475- —
New York (f.o.b.)..lb. .02¾- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle...lb. .03 - —
San Pedro, S. Francisco..lb. .0290- —
l.c.l., ex dock, Balto., Boston, N. Orleans..lb. .02575- —
New York.....lb. .02½- —
Philadelphia, for import..lb. .02¾- —
Portland, Seattle..lb. .03½- —
San Pedro, S. Francisco..lb. .03 - —
ex whse., Balto., Boston, N. Orleans....lb. .02725- —
Chicago, E. St Louis, Ind'polis, K. City, Milwauk., St. Louis, lb. .03¾- —
Minneapolis .....lb. .03½- —
New York.....lb. .02¾- —
Pittsburgh .....lb. .03¼- —
Portland, Seattle..lb. .03¾- —
San Pedro, S. Francisco..lb. .03¼- —
f.o.b. N. Y. from dock. lb. .02¾- —
from whse.....lb. .02¾- —
Oxide, nat., bbls., c.l., f.o.b. Bethlehem Easton, N.Y., lb. .04½- —
l.c.l., same basis.....lb. .04¾- —
synth., bbls., c.l., works...lb. .06¾- —
l.c.l., works.....lb. .07 - .07¼
Persian orange (see O).
Zinc, bbls., same basis chrome CP, contracts..lb. .18 - —
open order.....lb. .19 - —
Yellow dock root, bls.....lb. .10 - .11
Yellow root (xanthoriza), bls..lb. .09 - .10
Yerba santa leaves, bls.....lb. .09 - .10
Yohimbine hydrochloride, vls..oz. 2.50 - 2.55

Z

Zinc, acetate, USP., bbls., 250 lbs..lb. .27 - —
kgs., 100 lbs.....lb. .29 - —
Arsenate, bgs., cs., c.l., dealers, E. of Rockies..lb. .10½- —
l.c.l., bgs., cs.....lb. .11 - —
Arsenite, bgs., c.s., c.l., dealers, of Rockies..lb. .10¼- —
l.c.l., bgs., cs.....lb. .11 - —
Zinc arsenate and arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Carbonate, tech., bbls.....lb. .14 - .15
USP, precip., powd., bbls..lb. .31 - —
dms. .....lb. .36 - —
kgs. .....lb. .33 - —
Chloride, fused, dms., c.l., works..100 lbs. 4.25 - —
l.c.l., works.....100 lbs. 4.60 - —
gran., dms., c.l., works, 100 lbs. 5.00 - —
l.c.l., dms., works.100 lbs. 5.75 - —
solution, dms., works....lb. .04½- —
tanks, works.....lb. .0226- —
gran., U.S.P., dms., 200 lbs.. lb. .25 - —
jars, 25 lbs.....lb. .31 - —
Cyanide, kgs., works.....lb. .36 - .38
Dust, bbls., c.l., dlvd.....lb. .0915- —
l.c.l., bbls., dlvd.....lb. .09¾- —
Fluoride, bbls.....lb. .20 - .25
Iodide, N.F., bots.....lb. 4.15 - —
jars .....lb. 4.00 - —
Metal (see daily quotations in Market report)
Oxide, pigment, dom., Amer., process, coml., lead-free, bgs., c.l., dlvd..lb. .06¼- .07½
l.c.l., dlvd. except Pac. cst..lb. .06½- .07¾
ex whse., Pac. cst., lb. .06½- .07¾
bbls., c.l., dlvd.....lb. .06½- .07¾
l.c.l., dlvd., except Pac. cst..lb. .06¾- .08
ex whse., Pac. cst..lb. .06¾- .08

CONTROLLED LOW ACID NUMBERS



Glyptal resins and solutions are carefully designed to contain a minimum of free acid which is controlled in production within narrow limits.

This distinctive Glyptal property is of great importance in assuring uniformity, improved behavior with pigments and stability of both vehicle and finished product.

Low acid numbers is one of the many outstanding features of Glyptal resins and solutions—your assurance of the best. For full information, write Section P-229.

GENERAL ELECTRIC

GLYPTAL

APPLIANCE AND MERCHANDISE DEPT.
GENERAL ELECTRIC COMPANY
BRIDGEPORT, CONNECTICUT

Zinc oxide, pigment, dom., Amer., process, coml., leaded, 5%, bgs., c.l., dlvd..lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	—
ex whse., Pac. cs.lb.	.06⅜-	—
bbls., c.l., dlvd....lb.	.06⅝-	—
l.c.l., dlvd., except Pac. cst..lb.	.06⅜-	—
ex whse.,Pac.cst.lb.	.06⅝-	—
35%, bgs., c.l., dlvd.lb.	.06¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.06½-	—
ex whse.,Pac.cst.lb.	.06⅝-	—
bbls., dlvd.....lb.	.06½-	—
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	—
ex whse.,Pac.cst.lb.	.06⅝-	—
50%, bgs., c.l., dlvd..lb.	.06⅝-	—
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	—
ex whse., Pac. cst.lb.	.06⅝-	—
bbls., c.l., dlvd.....lb.	.06⅝-	—
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	—
ex whse., Pac. cst.lb.	.06⅝-	—
French process, coml., lead-free, bgs., c.l., dlvd..lb.	.06¼-	.07½
l.c.l., dlvd., except Pact cst..lb.	.06½-	.07⅝
ex whse., Pac. cst.lb.	.06½-	.07⅝
bbls., c.l., dlvd.....lb.	.06½-	.07⅝
l.c.l., dlvd., except Pac. cst..lb.	.06⅝-	.08
ex whse., Pac. cst.lb.	.06⅝-	.08
green seal, bgs., c.l., dlvd., lb.	.08 -	—
l.c.l., dlvd., except Pac. cst..lb.	.08¼-	—
ex whse., Pac. cst.lb.	.08¼-	—
bbls., c.l., dlvd.....lb.	.08¼-	—
l.c.l., dlvd., except Pac. cst..lb.	.08½-	—
ex whse., Pac. cst.lb.	.08½-	—
red seal, bgs., c.l., dlvd. lb.	.07½-	—
l.c.l., dlvd., except Pac. cst..lb.	.07⅝-	—
ex whse., Pac. cst.lb.	.07⅝-	—
bbls., c.l., dlvd.....lb.	.07⅝-	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	.08
ex whse., Pac. cst.lb.	.06¾-	.08
white seal, bgs., c.l., dlvd. lb.	.08½-	—
l.c.l., dlvd., except Pac. cst..lb.	.08¾-	—
ex whse., Pac. cst.lb.	.08¾-	—
bbls., c.l., dlvd.....lb.	.08¾-	—
l.c.l., dlvd., except Pac. cst..lb.	.09 -	—
ex whse., Pac. cst.lb.	.09 -	—
import., gold seal, cks, ex whse..lb.	.13 -	.14
green seal, bbls., ex whse. lb.	.10 -	—
white seal, cks., ex whse., lb.	.11 -	.12½
Oxide, USP, bbls., c.l.....lb.	.09½-	—
Palmitate, bbls.....lb.	.23 -	.25
Resinate, fused, pale, bbls...lb.	.10 -	—
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20 -	—
l.c.l., 1 ton.....lb.	.21 -	—
1,000-2,000 lbs.....lb.	.22 -	—
less than 1,000 lbs..lb.	.23 -	—
USP, bbls.....lb.	.21 -	—
Sulphate, cryst., bgs., c.l.100 lbs.	3.15 -	—
l.c.l. .....100 lbs.	3.90 -	—
bbls., c.l.....100 lbs.	3.30 -	—
l.c.l. .....100 lbs.	4.00 -	—
flake, bgs., c.l.....100 lbs.	3.00 -	—
l.c.l. .....100 lbs.	4.35 -	—
bbls., c.l.....100 lbs.	3.75 -	—
l.c.l. .....100 lbs.	4.50 -	—
powd., bgs., c.l.....100 lbs.	5.00 -	—
l.c.l. .....100 lbs.	5.75 -	—
bbls., c.l.....100 lbs.	5.15 -	—
l.c.l. .....100 lbs.	5.90 -	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.09 -	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09¼-	—
bbls., c.l. (20 tons), dlvd..lb.	.09¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09½-	—
Sulphocarbolate, NF, bbls...lb.	.24 -	.26
Zinc-ammonia chloride, dms., c.l., works..100 lbs.	5.15 -	—
l.c.l., works.....100 lbs.	5.50 -	—
Zinc-iron oxide, pigment, bgs., c.l., dlvd..lb.	.05 -	—
l.c.l., dlvd. except Pac. cst..lb.	.05½-	—
ex whse., Pac. cst..lb.	.05½-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 73-75%, grd.,bbls., works..ton.	75.00 -	100.00
kgs., small lots, works..lb.	.04¼-	.04½
white, 98%, grd., kgs., works. lb.	1.40 -	1.53

Synthetic Resins
and other
Branded Paint Materials
(Manufacturers' List Prices)

A

Abalyn resin, 55-gal. dms., non-returnable, works..lb.	.16 -	—

B

Bakelite, gooks, BK, 3962, XK 6791, dms., 30,000 lbs.,works.lb.	.22½-	—
15,000 lbs., works.....lb.	.22 -	—
5,000 lbs., works.....lb.	.23½-	—
lacquer, XR 2342, dms., 30,000 lbs, works..lb.	.38 -	—
15,000 lbs., works.....lb.	.38½-	—
5,000 lbs., works.....lb.	.39 -	—
3180, dms., 30,000 lbs., works..lb.	.59 -	—
15,000 lbs., works.....lb.	.60 -	—
5,000 lbs., works.....lb.	.61 -	—
Bakelite, lacquer XR, 4357, dms., 30,000 lbs., works..lb.	.55 -	—
15,000 lbs., works....lb.	.56 -	—
5,000 lbs., works....lb.	.57 -	—
phenolic, 100%, BR, 254, bbls., 30,000 lbs., works..lb.	.45 -	—
15,000 lbs., works...lb.	.46 -	—
5,000 lbs., works...lb.	.47 -	—
1329, bbls., 30,000 lbs., works..lb.	.32 -	—
15,000 lbs., works...lb.	.33 -	—
5,000 lbs., works...lb.	.34 -	—
3360, bbls., 30,000 lbs., works..lb.	.42 -	—
15,000 lbs., works...lb.	.43 -	—
5,000 lbs., works....lb.	.44 -	—
4006, bbls., 30,000 lbs., works..lb.	.55 -	—
15,000 lbs., works...lb.	.56 -	—
5,000 lbs., works....lb.	.57 -	—
4036, bbls., 30,000 lbs., works..lb.	.40 -	—
15,000 lbs., works...lb.	.41 -	—
5,000 lbs., works....lb.	.42 -	—
6882, bbls., 30,000 lbs., works..lb.	.42½-	—
15,000 lbs., works...lb.	.43½-	—
5,000 lbs., works....lb.	.44½-	—
8900, bbls., 30,000 lbs., works..lb.	.48 -	—
15,000 lbs., works...lb.	.49 -	—
5,000 lbs., works....lb.	.50 -	—
XR, 2987, bbls., 30,000 lbs., works..lb.	.32 -	—
15,000 lbs., works...lb.	.33 -	—
5,000 lbs., works....lb.	.34 -	—
4503, dms., 30,000 lbs., works..lb.	.56 -	—
15,000 lbs., works...lb.	.57 -	—
5,000 lbs., works....lb.	.58 -	—
modified, BR 302, dms., 30,000 lbs., works..lb.	.26 -	—
15,000 lbs., works...lb.	.26½-	—
5,000 lbs., works....lb.	.27 -	—
2072, bbls., 30,000 lbs., works..lb.	.23 -	—
15,000 lbs., works...lb.	.23½-	—
5,000 lbs., works...lb.	.24 -	—
2175, cns., 30,000 lbs., works..lb.	.23 -	—
15,000 lbs., works...lb.	.23½-	—
5,000 lbs., works...lb.	.24 -	—
2963, bbls., 30,000 lbs., works..lb.	.24 -	—
15,000 lbs., works...lb.	.24½-	—
5,000 lbs., works...lb.	.25 -	—
solutions, XJ, 180, dms, 30,000 lbs., works..lb.	.17½-	—
15,000 lbs., works.....lb.	.18 -	—
5,000 lbs., works.....lb.	.18½-	—
431, dms., 30,000 lbs., works, lb.	.22 -	—
15,000 lbs., works.....lb.	.22½-	—
5,000 lbs., works.....lb.	.23 -	—
505, dms., 30,000 lbs., works, lb.	.25 -	—
15,000 lbs., works.....lb.	.26 -	—
5,000 lbs., works.....lb.	.27 -	—
2681, dms., 30,000 lbs., works..lb.	.21½-	—
15,000 lbs, works.....lb.	.22 -	—
5,000 lbs, works.....lb.	.22½-	—
3079, dms., 30,000 lbs., works..lb.	.19½-	—
15,000 lbs, works.....lb.	.20 -	—
5,000 lbs., works.....lb.	.20½-	—
3100, dms., 30,000 lbs., works..lb.	.19 -	—
15,000 lbs., works.....lb.	.19½-	—
5,000 lbs., works.....lb.	.20 -	—
6,000, dms., 30,000 lbs., works..lb.	.26 -	—
15,000 lbs., works.....lb.	.26½-	—
5,000 lbs., works.....lb.	.27 -	—
6389, dms., 30,000 lbs., works..lb.	.26 -	—
15,000 lbs., works....lb.	.26½-	—
5,000 lbs., works.....lb.	.27 -	—
7506, dms., 30,000 lbs., works..lb.	.30 -	—
15,000 lbs., works.....lb.	.30½-	—
5,000 lbs., works.....lb.	.31 -	—
8263, dms., 30,000 lbs., works..lb.	.22 -	—
15,000 lbs., works.....lb.	.22½-	—
5,000 lbs., works.....lb.	.23 -	—
8264, dms., 30,000 lbs., works..lb.	.21½-	—
15,000 lbs., works.....lb.	.22½-	—
5,000 lbs., works.....lb.	.23½-	—
8344, dms., 30,000 lbs., works..lb.	.43 -	—
15,000 lbs., works.....lb.	.44 -	—
5,000 lbs., works.....lb.	.45 -	—
Bronze gum, 1, dms., works..lb.	.11 -	—
3, dms., works.....lb.	.09 -	—
Cumar, AX, dms., works.....lb.	.06 -	—
EX, dms., works.....lb.	.06 -	—
CX, dms., gross weight, works, lb.	.05 -	—
DX, dms., gross weight, works, lb.	.04 -	—
EX, dms., gross weight, works, lb.	.04 -	—
FX, dms., gross weight, works, lb.	.05 -	—
MH, col. ½, dms., works....lb.	.12 -	—
1, dms., works.....lb.	.11 -	—
1½-2, dms., works.....lb.	.10 -	—
2½ and darker, dms., works, lb.	.09 -	—
MS, dms., works.....lb.	.10 -	—
P, 10°-90° C., col. 3 and darker, dms., works..lb.	.10½-	—
RH, dms., works.....lb.	.10 -	—
RS, dms., works.....lb.	.10 -	—
special soft, dms., works...lb.	.10 -	—
V, col. ½, dms., works....lb.	.12 -	—
1, dms., works.....lb.	.11 -	—
1½-2, dms., works.....lb.	.10 -	—
2½ and darker, dms., works, lb.	.09 -	—
W, col. ½, dms., works.....lb.	.13 -	—
1, dms., works.....lb.	.12 -	—
1½-2, dms., works.....lb.	.11 -	—
2½ and darker, dms., works, lb.	.10 -	—

Cumar prices include frt. equald. with Pittsburgh; prices on contracts terminating December, 1937, are ¼c. per pound lower.

D

Durite,1,301 dms.,1 ton,frt.alld.lb.	.30 -	—
smaller lots, frt. alld....lb.	.35 -	—

G

Guai-a-phene, 10-gal. cns., works, gal.	2.57 -	—
5-gal. cns., works.....gal.	2.62 -	—
1-gal. cns., works.....gal.	2.82 -	—
dms., works.....gal.	2.50 -	—

H

Hercolyn, dms. (nonreturnable), works..lb.	.22 -	—

J

Jozite (see Zinc-iron oxide pigment in regular price list above).

K

Kadox (zinc oxide), black, or red label, bgs., c.l., dlvd..lb.	.06¼-	—
l.c.l., dlvd. E. of Rockies.lb.	.06½-	—
Pac. cst., ex whse.....lb.	.06½-	—
bbls., c.l., dlvd.....lb.	.06½-	—
l.c.l., dlvd. E. of Rockies.lb.	.06¾-	—
Pac. cst., ex whse.....lb.	.06¾-	—

N

Nevillac, dms., works.....lb.	.16 -	—

Nevillac prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Neville resin, R-1 nevindene, col. ½, dms., works..lb.	.13 -	—
R-3, nevindene, col. 1, dms., works..lb.	.12 -	—
R-5, nevindene, col., 1½-2, dms., works..lb.	.11 -	—
R-6, nevindene, col., 2½-3½, dms., works..lb.	.10 -	—
R-7, N.P.S., col. below 3, dms , works..lb.	.12 -	—
R-8, N.P.S., col. below 3, dms., works..lb.	.12½-	—
R-9, hard, col. ½, dms., works. lb.	.12 -	—
R-10, hard, col. 1, dms.,works. lb.	.11 -	—
R-11, hard, col. 1½-2, dms., works..lb.	.10 -	—
R-12, hard, col. 2½ and darker, dms., works..lb.	.09 -	—
R-13, medium, col. ½, dms., works..lb.	.12 -	—
R-14, medium, col. 1, dms., works..lb.	.11 -	—
R-15, medium, col. 1½-2,dms., works..lb.	.10 -	—
R-16, medium, col. 2½ and darker, dms., works..lb.	.09 -	—
R-17, medium soft, col. 3½-8, dms., works..lb.	.10 -	—
R-19, medium soft, col. 3½-8, dms., works..lb.	.10 -	—
R-21, soft, col. 3½-8, dms., works..lb.	.10 -	—
R-22, special, soft, col. 3½-8, dms., works..lb.	.10 -	—
R-27, medium soft, col. 1, dms., works..lb.	.12½-	—
R-28, medium soft, col. 1½-2, dms., works..lb.	.11½-	—
R-29, medium soft, col. 2½ and darker, dms., works..lb.	.10½-	—
R-41, phenester, col. 3½-5, dms., works..lb.	.17 -	—

Neville resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower; Los Angeles and San Francisco ex whse., 3c. per lb. extra.

Zinc Oxide—Varcum

Nevillite, dms., works.....lb.	.35 -	—
oil, dms., works.....lb.	.45 -	—
Nevinol, dms., works.....lb.	.15 -	—
2 heavy, dms., works.....lb.	.11 -	—
Nuba, 1, 80°-95° C., dms., gross weight, works..lb.	.04 -	—
2, 100°-125° C., dms., gross weight, works..lb.	.04 -	—
3, 135°-150° C., dms., gross weight, works..lb.	.05 -	—

Nuba resin prices are freight equalized with Phila.; prices on contracts terminating December, 1937, are ¼c. per pound lower. Los Angeles and San Francisco ex whse., 3c. per pound extra.

Nuodex drier, cobalt, 4%, dms., dlvd. E. of Kas. City.....lb.	.19½-	.21½
6%, dms., same basis.....lb.	.24½-	.26½
8%, dms., same basis.....lb.	.32¾-	.34
10%, dms., same basis.....lb.	.43 -	.43¾
cobalt 3%-lead 30%, dms, same basis..lb.	.20 -	—
cobalt 1%-zinc 10%, dms., same basis..lb.	.22½-	—
copper, 4%, dms., same basis.lb.	.12 -	—
6%, dms., same basis.....lb.	.14 -	.16
iron, 4%, dms., same basis..lb.	.11 -	—
6%, dms., same basis.....lb.	.13 -	—
10%, dms., same basis.....lb.	.21 -	—
lead, 10%, dms., same basis..lb.	.10½-	.11½
24%, dms., same basis.....lb.	.14 -	.18
32%, dms., same basis.....lb.	.18 -	.20
34%, dms., same basis.....lb.	.19 -	.20
lead 30%—cobalt 3% (see Cobalt).		
lead 30%—manganese 3% (see Manganese).		
manganese, 4%, dms., same basis..lb.	.12½-	—
6%, dms., same basis.....lb.	.13 -	.14
8%, dms., same basis.....lb.	.18 -	.19
10%, dms., same basis.....lb.	.22 -	—
manganese 3%—lead 30%, dms., same basis..lb.	.17 -	—
mercury, 25%, dms., same basis..lb.	.55 -	—
zinc, 5%, dms., same basis..lb.	.13 -	.14
8%, dms., same basis.....lb.	.16½-	.17½
12%, dms., same basis.....lb.	.22 -	.23
zinc 10%—cobalt 1% see (Cobalt).		

P

Pilolite, milled, dms., 1 ton, works..lb.	.75 -	—
smaller lots, works.....lb.	.79 -	—
unmilled, dms., 1 ton, works.lb.	.66 -	—
smaller lots, works.....lb.	.69 -	—

S

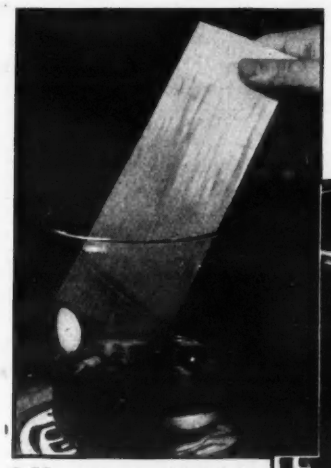
Surfex, bgs., c.l., frt. alld. up to 25c. per 100 lbs..ton.	35.00 -	—

V

Varcum, 250, dms., 25, works..lb.	.41 -	—
single, works.....lb.	.42 -	—
250 F, dms., 25, works.....lb.	.42 -	—
single, works.....lb.	.43 -	—
700, dms., 25, works.....lb.	.29 -	—
single, works.....lb.	.30 -	—
965, dms., 25, works.....lb.	.26 -	—
single, works.....lb.	.27 -	—

Corporation Earnings Recently Reported

	Period.	1937 Net income.	1937 Per share.	1936 Net income.	1936 Per share.
Abbott Laboratories, Inc.	6 mos.	$865,335	$1.35	$677,370	$1.13
Amerada Corp.	6 mos.	1,070,107	1.36	930,296	1.18
Anaconda Copper Mining Co.	6 mos.	19,127,994	2.21	5,827,425	.67
Anchor Cap Corp.	6 mos.	452,849	1.17	255,795	.45
Andes Copper Mining Co.	6 mos.	2,219,667	.62	.....	...
Armstrong Cork Co.	6 mos.	3,089,360	2.56	1,676,400	1.38
Chile Copper Co.	6 mos.	11,423,852	2.59	.....	...
Columbian Carbon Co.	6 mos.	2,520,686	4.69	1,843,305	3.43
Eastman Kodak Co.	24 wks.	11,475,066	5.02	8,081,870	3.51
Greene Cananea Copper Co.	6 mos.	1,067,610	2.14	.....	...
International Nickel Co. (Can.)	6 mos.	25,914,352	1.71	17,456,974	1.13
Mar-Tex Oil Co.	6 mos.	102,443	.20	.....	...
Monsanto Chemical Co.	6 mos.	2,775,260	2.49	2,068,582	1.86
National Gypsum Co.	6 mos.	509,881	.30	408,382	.22
North American Oil Cons.	6 mos.	171,515	.62	174,002	.63
Panhandle Producing & Refining Co.	6 mos.	136,076	.35	80,781	.07
Pure Oil Co.	4 mos.	3,660,987	.79	.....	...



For damp surfaces:

DUREZ 5949

2:20 — *Maple panel boiled for hour is removed from beaker, and water wiped off. Photos not retouched.*

2:20¼ — *15 seconds later, Durez 5949 brushed over wet panel. Film dries slightly slower, but shows very good adhesion.*

Dairies, laundries and boats of all kinds present damp surfaces that are hazardous to ordinary enamels. But if you use a Durez 550 enamel—similar to 5949—you can recommend it for the dampest surfaces without hesitation.

Master painters and maintenance men welcome this peculiar property of 5949, for it saves time and possible failures. And you can dramatize this adhesion in literature and demonstrations, as shown in the unretouched photos above, making your enamel stand out over competition.

Besides, there are other unique features in this white enamel. It has extra fullness, excellent gloss and gloss retention. It is non-yellowing, non-skinning, and very durable. It dries in 5-6 hours.

Get a wet sample of this Durez 5949 formulation and verify these claims. Address General Plastics, Inc., 49 Walck Road, North Tonawanda, New York.

DUREZ

PHENOLIC RESINS

Oil, Paint and Drug Reporter

Founded October 18, 1871, by William O. Allison

Published every Monday by Oil, Paint and Drug Publishing Company, Inc., Harry J. Schnell, President and Treasurer; Frank V. Baldwin, Vice-President; Daniel G. Bogert, Secretary. Address 12 Gold Street, New York, New York. Telephone JOhn 4-2357. Cable Address Reporter New York.

Incorporating the Drug, Paint and Oil Trade, the New York Drug Bulletin, The Weekly Drug News, the New York Druggists' Price Current, The Soap Makers' Journal, the Oil and Paint Review and International Petroleum Reporter.

Subscription rates including postage in the United States, possessions and territories, one year, $5.00; two years, $8.00; Canada and Newfoundland, one year, $7.00; two years, $12.00; other foreign countries, one year, $10.00; two years, $18.00.

Entered at the Post Office of New York as second class matter January 15, 1884, under the act of March 3, 1879.

Copyright, 1937, by
Oil, Paint and Drug Publishing Company, Inc.

Vol. 132 September 6, 1937 No. 10

Fair Trade Plan Sound

There is encouragement and assurance for the advocates of fair competition in prices in the procedure adopted by the retail drug trade for its functioning in connection with the application of State fair trade laws. The retailers' position is a constructive one. Their program is sound.

In determining a national basis for the activities of the druggists of States having fair trade laws in relation to the operation of these statutes the leaders of the retail trade have done much that is necessary and desirable for the avoidance of the pitfalls that lie in the path of this economic reformation. It is human to err, and the chances of error are greatly increased when the logical purposes of an action are closely knit with the welfare and the desires of the actors.

Illegal coercion, illegal concerted action could come easily in the furtherance of legalized opportunities to effect fair competition in prices. In union there is the greater strength. United action was therefore essential to success in the efforts for fair trade legislation. But, to assure the successful operation of this legislation, united action is necessary and desirable only to the extent that it will simplify the procedure through coordination. Beyond that it would be a dangerous experiment, and might easily result in the loss of all that has been gained.

Unification of purposes and coordination of activities are all that are necessary for the successful application of fair trade legislation. The retail drug trade has done much to assure these essentials in its adoption of a centralized national plan of procedure. A unified purpose nationally directed substantially reduces the chances of error to which forty-odd separate purposes and agencies would be exposed. This in itself is sufficient to commend the adopted plan of procedure. In addition there is the highly desirable uniformity that is made possible.

The drug trade as a whole will do well to keep in mind the fact that it has not been legally constituted an agency to administer fair trade laws. That function remains with the officials of the several States. But, the trade can do the most to make these laws effective and beneficial to manufacturers, distributors, and consumers. It has made a good start for this work.

Fair Trade Traffic Lights

Along the recently opened national fair trade highway, and along the State roads which it feeds, are many traffic lights. Not all these lights are green, and there is a peculiarity in this signal-lighting system: the color of the light at any point is never changed. There are red lights, which unqualifiedly mean "Stop!" There are blue lights, which signify that full caution must be exercised in passing. It is highly necessary that all who intend to proceed along the fair trade roads know well the locations of the red lights and the blue.

The red lights on the fair trade roads are located at points where there are side roads with very pleasing prospects, which lead to actions that have not been made legal by the Tydings-Miller amendment to the Federal antitrust laws, that have not been removed from proscriptions in State constitutions and statutes by the enactment of fair trade laws. Coercion is still illegal; so are combinations of competitors and also their concerted action, even for legitimate purposes. Retail groups must be particularly cautious in respect of these things. Individual manufacturers must not proceed without advice of able counsel where the red lights stand.

The blue lights on the fair trade roads mark by-roads which branch and branch and lead at last to fascistic activities, to racketeering, to profiteering. They indicate also points at which the utmost caution is necessary in advisory and informative functioning. The dicta of the courts with respect to such activities have not wholly been superseded by the legalization of a price-maintenance system with which these activities are correlated. In the preparation of contracts, for example, there are limits to what any trade group may legally advise.

There is some confusion in the signal-lighting system on the fair trade roads. This results from several causes. One of these is the lack of uniformity in the wording of the laws of the various States. Another is the general lack of direct relationship of the provisions of these laws to the bases on which they have been validated by the Supreme Court of the United States. Here again there is a confusion of words; "owner," for instance, does not always mean the proprietor of a trademark; sometimes it means a dealer, a circumstance which strengthens the position of opponents of legislation of this type.

There are a number of watchful "speed-cops" on the fair trade roads. And they will not accept colorblindness as an excuse for disregarding a warning light.

—O-P-D—

Contracts and Competitors

Careful study is indicated as necessary in respect of transactions in contractually priced commodities between wholesalers or between retailers. Most State fair trade laws more or less clearly provide that a distributor who sells to another distributor in the same class may be required by a fair trade act contract to secure from the buyer an agreement that the latter will adhere to the contractual resale price terms. The Tydings-Miller amendment, however, specifically declares that agreements of this sort, that is, agreements between wholesalers, or retailers, or other competitors, are not legal insofar as the regulation of interstate commerce applies. The buying distributor, or competitor, in such instances would of course be subject to the extracontractual application of the State law. The application of this means of checking a price-cutter is not easy.

Because of the interpretation of the scope of interstate commerce recently reiterated by the Federal Trade Commission a distributor may be obliged to refuse to sell price-contract articles to a competitor, especially in original packages. At least, the point requires authoritative interpretation, and such transactions should be approached with caution until their legality has been clearly established.

In respect of the opportunities afforded by fair trade laws, manufacturers whose goods are competitive—such laws apply to these alone—wholesalers who are in any way competitive, or retailers in a similar category, must be selfish, unneighborly, one with another in their respective groups if their relations can be brought within the broad definition of "commerce with foreign nations, and among the several States, and with the Indian tribes." That is the law of the land, administered, it must be remembered, by the Federal Trade Commission.

—O-P-D—

Cotton Plans And Chemicals

The chemical and related industries must look with a variety of emotions upon the plans of the Federal government to spend money to peg the price of cotton, also to spend money to limit the cotton crop, and to spend other money to develop new uses of cotton. Of course it is good industrial practice to keep down production pending the development of a larger market, but it is better practice to work hardest to find a means of meeting potential demand at an acceptable price. Pegging a price is not regarded as good business when possible larger sales will make a lower price profitable.

Nobody, apparently, knows how much difference it makes in the cost of raising a bale of cotton when a grower utilizes but half of the acreage he could practicably work. It is probable that the aggregate cost of producing cotton on 20 acres exceeds that of a proportionate yield on 15 acres by but a relatively small amount. The grower's living expense—his overhead—is the same in both cases. It would seem that he would be better off if he had twenty bales to sell than he would if he had but fifteen and his margin of profit was but slightly larger.

But—to get back to the chemical and related industries. If the cotton crop is to be reduced, the fertilizer industry can find no pleasure in the prospect; for the natural tendency will be to thin the yield, which means use of less fertilizer. If the curtailment is applied to acreage, the fertilizer industry may profit thereby—but the existing predominant need for bigger selling of cotton will remain.

From another chemical angle the cotton-curtailment picture looks different. If the supply of cotton is reduced and the potentialities of the textile markets are properly developed, there will be a bigger production of rayon—from pinewood, and reeds, and bean pods, and other cheap material. The manufacture of the required cellulosic bases will call for more chemicals of various kinds. Also, the cotton grower will be pushed still closer to penury.

Cottonseed oil is reported to be the largest-used fat of the margarin industry now. There are troubles in the world that are likely to increase still further this use of the oil, and other uses of it as well. These same troubles may make a heavy demand on the world's supply of cotton, and of many other agricultural products. Cotton planners, and all other economic anticipators, should not disregard tomorrow's needs for today's expediency.

CITRIC ACID

POTASSIUM CITRATE

SODIUM CITRATE

PFIZER QUALITY

MANUFACTURING CHEMISTS SINCE 1849

CHAS. PFIZER & CO., INC.

NEW YORK
81 MAIDEN LANE

CHICAGO
444 W. GRAND AVE.

CHEMICALS *by Grasselli*

A QUALITY GUARDIAN FOR YOUR BUSINESS

• You jealously guard the *quality* of your product . . . because your entire business depends on it. The well known purity and uniformity of Grasselli Acids and Heavy Chemicals will help notably to safeguard that important Quality for you.

INDUSTRIAL CHEMICALS FOR

Cellulose Products	Non Ferrous Metals	Photo-Engravings
Explosives	Paints and Varnishes	Rubber Products
Fertilizers	Paper and Pulp	Silk
Food Products	Petroleum Products	Soaps and Cleaners
Glass and Ceramics		Leather
Iron and Steel		Textiles

and other major industrial chemicals

SERVICE

Stocks are maintained at district office warehouses and convenient manufacturing points, permitting prompt shipments on short notice. Technical assistance is available to aid manufacturers in the use of Grasselli chemicals.

E. I. DU PONT DE NEMOURS & COMPANY, INC.

DU PONT REG. U.S. PAT. OFF.

GRASSELLI CHEMICALS DEPARTMENT

Wilmington, Delaware

GRASSELLI FOUNDED 1839 REG. U.S. PAT. OFF.

Albany	Boston	Chicago	Cleveland	Milwaukee	New Orleans	Philadelphia	St. Louis
Birmingham	Charlotte	Cincinnati	Detroit	New Haven	New York	Pittsburgh	St. Paul

San Francisco, 584 Mission Street Los Angeles, 2260 E. 15th Street

Represented in Canada by CANADIAN INDUSTRIES, LTD., General Chemicals Division, Montreal and Toronto

Paint Chemistry at A. C. S. Meeting

(Continued from page 5)

Polymeric methyl methacrylate is compatible with a wide range of plasticizers and a large number of natural and synthetic resins. The polymeric higher ester methacrylates are compatible with the same plasticizers and resins as the methyl methacrylate. However, their degree of compatibility extends to a wider range of plasticizers and a greater variety of resins as the number of carbons in the alcohol radical is increased.

Higher ester polymers are soluble in a larger number of solvents than the polymeric methyl ester. For example, the methyl ester is not soluble in petroleum solvents whereas some higher ester polymers such as the normal butyl methacrylate can be dissolved in inexpensive petroleum solvents to produce lacquers of spraying viscosity.

The higher ester polymers are valuable as coating materials for use in general industrial work, because they are soluble in low priced solvents and can be combined with common plasticizers and resins. The straight polymers and the polymers combined with other ingredients can be applied as coatings from solution by brushing, spraying and dipping to wood, metal cloth, and paper. The unmodified lacquer films have a high gloss, are fast drying, tough, water-white, nonyellowing, and arc resistant.

Methacrylate resins are heat-stable and can be baked at temperatures well in excess of normal baking temperatures. The unmodified resins have good adhesion for most surfaces and can be used to adhere paper to paper, paper to metal, wood to metal, wood to wood, etc.

The unplasticized higher esters described herein when heated to temperatures above 250 deg. F. become tacky and rubbery, but by the addition of certain other materials, the resins become fairly fluid at temperatures above 250 deg. F. The hot fluid resin can be applied as a coating and solidifies upon cooling. Excellent thermoplastic hot-melt adhesives can be produced which are adaptable to automatic machinery, because of their fluidity and good adhesive characteristics.

The excellent compatibility of the polymeric normal propyl, normal butyl, and isobutyl esters of methacrylic acid with plasticizers and resinous materials, plus their low specific gravity, lack of color, color stability, unusual adhesive characteristics, heat stability, and chemical resistance has developed a large number of interesting applications for these resins.

Ethylcellulose Plastic

By Donald L. Gill and Russell Bradshaw

(Dow Chemical Company)

The effects of various plasticizers on flow, softening point, and hardness of ethylcellulose plastic, and of some of the plasticizers in varying amounts on the same properties are considered. The compatibility of plasticizers and resins with ethylcellulose and the solubility of this compound in certain plasticizers are reported. The work previously reported by Kauppi and Bass has been extended to plastics, showing that these relatively simple tests on foils can be interpreted to give information on the properties of the plastic.

(To be continued.)

Chemical Employment Gains—Payrolls Down

(Continued from page 3)

Employment in New York

Employment in factories producing chemicals and related products in New York State gained 0.7 percent in the State during the period June 15 to July 15, 1937, and decreased 1.2 percent in the city, according to the records of the State Department of Labor.

General factory employment declined 1 percent in New York State during the monthly period, and 3.1 percent in the city. General factory payrolls were 1.5 percent lower in the State and 1.6 percent lower in the city. The department's general factory index numbers, July 15, 1937 (100=1925-27 average), were:—Employment, 88.5 (14 percent above the 1936 level); payroll totals, 85.1 (26 percent above the 1936 level).

July Compared with June

	Percentages. State.	City.
Drugs and industrial chemicals	+0.8	+ 1.3
Oil products	+0.9	— 0.3
Paints and colors	—1.7	— 2.0
Photographic and miscellaneous chemicals	+0.8	—24.4

Koppers Company's Bartlett Hayward division at Baltimore has just been awarded four new contracts totaling $1.592,000, for a chemical plant, a gas utility, and two jobs for a Government dam. The division has just completed a $1,150,000 contract for the Fort Peck Dam.

Heavy Chemicals

Prices for Tin Salts Reflects Decline in Basic Metal—Caucasian Manganese Dioxide Sharply Higher—Antimony Metal Firmer —Chlorine Continues in Good Demand

Business in the market for industrial chemicals continued quiet during the week just closed. The dull character of the call could be attributed to the low ebb of activity in manufacturing quarters. The slow call was also accentuated by the near approach of the Labor Day holiday. Sentiment in the market was not disturbed by the dull demand, sellers in all quarters were of the opinion business was scheduled for a sharp improvement in mid-September. Changes in the market included an increase in prices for antimony metal and manganese dioxide and a reduction in tin crystals and soda stannate.

Reports from the steel industry were to the effect that production was at a slightly higher rate, and the automobile industry was optimistic regarding fourth quarter production. Cotton cloth mills were operating at a fair level but backlogs were only moderate. Antimony metal was slightly higher, with reports on an embargo on Chinese material, but such reports could not be definitely confirmed. Manganese dioxide was higher, reflecting an increase in production costs. Tin salts were lower as a result of a decline in the basic metal. Arsenicals were dull. Alkalies were firm. Saltcake was in fair demand. Fluorspar stocks were well sold up.

Alums.—The market for iron-free and commercial sulphate continued at a highly irregular pace during the week just closed. Sellers reported prices remained firm. There was little to report in the market for ammonia and potash alums, usual consumers supplied a fair demand, and prices were well held.

Ammonia, Anhydrous. — Shipments were moving against contracts at a good pace throughout the week, the warmer weather stimulating the call. Prices ruled steady to firm.

Ammonia, Aqua. — Shipments were moving at a good pace at times during the week. Quotations held unchanged.

Ammonia Sulphocyanide.—There was little to report in this market again last week. Routine consumers were covering nearby needs, and no change was disclosed in quotations.

Antimony.—This market was priced at 15¾c. per pound. Demand was highly irregular.

Arsenic.—Another quiet week was noted in the market for white arsenic. Usual consumers were covering for actual wants. Prices ruled firm at previous levels. The market for red arsenic was spotty. Quotations were unaltered.

Barium Salts. — Routine consumers furnished a fair demand for barium chloride. Prices were steady to firm. The call for barium carbonate was highly irregular. No change was disclosed in quotations. Business in hydrate and nitrate was quiet.

Blue Vitriol.—Demand slowed down during the week. Quotations were unchanged. Exports from Germany of copper sulphate are prohibited under a decree of the Government, this action having been taken because of the shortage of the material for national requirements. German production by smelters in 1935 amounted to 7,300 tons, against 14,700 tons in 1934. Exports in 1936 totaled 5,834 tons, against 3,963 tons in 1935 and 5,003 tons in 1934. The export gains in 1936 were due almost entirely to heavily increased shipments to Brazil, formerly a negligible market, coupled with sustained large-volume trade with Bulgaria, these two countries accounting for over 60 percent of the total outgoing shipments. Increased exports also made to Denmark, France, Netherlands, Roumania, British India, and Canada, according to the consul at Frankfort-on-Main.

Calcium Carbide.—Prices were firm. Demand was fair. Consumption of calcium carbide in Japan during twelve months ended May, 1937, is reported as 98,000 metric tons, according to figures compiled by the Carbide Manufacturing Association. This is an increase of approximately 9,000 metric tons over the preceding year. Despite this material advance in consumption, it is believed that there is a substantial surplus production which must be exported. It is reported that a Japanese soda company is making preparations to expand its annual production of calcium carbide from 9,000 to 18,000 metric tons. A small hydroelectric plant will be erected at Joganji, according to the trade commissioner at Tokyo.

Calcium Chloride.—This market noted a favorable buying movement throughout the period under review. A decidedly firm tone prevailed.

Chlorine.—Continuance of a heavy demand was reported in this market throughout the week under review, sellers reporting prices were decidedly firm, and producers were reported to have a good backlog of business on the books for forward delivery.

Copper.—Demand in this market continued at a good pace throughout the week just ended. August copper sales were reported to have approached 70,000 tons, showing a marginal improvement over July.

Copperas.—Business continued at a good pace throughout the week under review, a decidedly firm tone governing the dealings. Steel mill operations were listed at 84.1 percent of capacity, against 83.8 percent in the preceding period, according to the American Iron and Steel Institute.

Fluorspar.—A decidedly firm price tone was in evidence in this market again last week. Sellers reported shipments against contracts were about equal to actual production.

Magnesia Chloride.—Demand was fair. Quotations ruled unchanged. Prior to the World War the entire demands of British India for magnesium chloride were met by importations from Germany. The manufacture of the salt was successfully undertaken during the war period from the bitterns of salt manufacture at Kharagboda. Bitterns contain a number of salts, including magnesium chloride, magnesium sulphate and potassium chloride, in which the first-named product preponderates. It was estimated some years ago that 193,000 tons of magnesium chloride, 127,000 tons of magnesium sulphate and 20,000 tons of potassium chloride and 1,800 tons of bromine were annually wasted in India bitterns. Although the firm has so far concentrated on the extraction of magnesium chloride from bitterns, it will shortly commence to manufacture certain other salts, including magnesium sulphate and potassium chloride as by-products of the salt-making industry. The present output of magnesium chloride at the firm's original factory at Kharaghoda and at their more recent factory at Mithapar is about 5,500 tons per annum.

The imports into British India of magnesium chloride declined from 2,929 long tons in 1920-21 to 2,777 in 1925-26, 1,628 in 1930-31 and 567 in 1935-36, according to the trade commissioner at Calcutta.

Manganese Dioxide.—There was a fair demand noted in this market. Prices were higher. The new schedule

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ¼c. per lb.
Manganese dioxide, $5 per ton

Reduced

Soda stannate, ½c. per lb.
Tin crystals, ½c. per lb.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week	Prev. week.	Last month.	Last year.
154.4	154.4	154.4	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.8	99.8	99.8	99.4

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

MANGANESE CHLORITE
JUNGMANN & CO., Incorporated
BArclay 7-5129
157 Chambers Street New York

TURNER
LIQUID CAUSTIC SODA
TANK TRUCKS—DRUMS
Local delivery tank truck service throughout the Metropolitan New York area.
JOSEPH TURNER & COMPANY
83 EXCHANGE PL. PROVIDENCE
RIDGEFIELD, N. J. 630 FIFTH AVE., NEW YORK
40TH ST. & CALUMET CHICAGO

FINEST QUALITY
BICARBONATE OF SODA
SAL SODA (Carbonate of Soda Crystals)
MONOHYDRATE OF SODA
PIONEER WASHING SODA
CHURCH & DWIGHT CO.
70 PINE STREET Phone Digby 4-2181 NEW YORK CITY

BARIUM HYDRATE
LAPORTE BRAND
High Grade Quality for Manufacturers of Glass, Accumulators, Paints, Colors and for Delustring Silk
STOCKS AVAILABLE FOR PROMPT DELIVERY FROM
HENRY SUNDHEIMER, INC.
Telephones: ASHland 4-4817-4818 121 PARK AVE., NEW YORK, N. Y.

CAUSTIC SODA
Stauffer
. . . constantly dependable for half a century
BORIC ACID · CARBON TETRACHLORIDE · BORAX · TITANIUM TETRACHLORIDE · CAUSTIC SODA · SULPHUR CHLORIDE SULPHUR · SILICON TETRACHLORIDE · CREAM OF TARTAR SULPHURIC ACID · CARBON BISULPHIDE · TARTARIC ACID
STAUFFER CHEMICAL COMPANY
624 California St. San Francisco, Cal. • 2710 Graybar Bldg. New York, N. Y. • Freeport Texas
Carbide and Carbon Bldg. Chicago, Ill. Rives-Strong Bldg. Los Angeles, Cal.
Stauffer

BLUE VITRIOL
IRVINGTON SMELTING & REFINING WORKS
IRVINGTON NEW JERSEY
NEW YORK OFFICE 30 CHURCH ST.

SOLVAY

TRADE MARK REG. U. S. PAT. OFF.

PRODUCTS

All SOLVAY products are offered to the trade on a basis of actual performance. You are safe when you specify SOLVAY

Soda Ash
Caustic Soda
Modified Sodas
Special Alkalies
Nitrite of Soda
Liquid Chlorine
Calcium Chloride
Caustic Potash
Liquid—Flake—Ground—Solid—Lump
Ammonium Chloride
Para-dichlorobenzene
Ortho-dichlorobenzene
Ammonium Bicarbonate
Potassium Carbonate
Liquid—Granular Hydrated—Dustless Calcined
47% 83-85% 98-100%

SOLVAY SALES CORPORATION
Alkalies and Chemical Products Manufactured by The Solvay Process Company
40 RECTOR STREET NEW YORK

Branch Sales Offices:
Boston, Charlotte, Chicago, Cincinnati, Cleveland, Detroit, Indianapolis, Kansas City, New Orleans, New York, Philadelphia, Pittsburgh, St. Louis, Syracuse

list casks at $66.50 to $74.50 per ton. The rise in price could be attributed to the high level at which the basic material has been selling.

SERVICE
UNIFORMITY
QUALITY
VICTOR
PHOSPHORIC ACID
50% and 75% Strengths
A sparkling, crystal clear liquid whose purity has established a new high standard never attained heretofore in the commercial product.
VICTOR CHEMICAL WORKS
141 W. JACKSON BLVD., CHICAGO ILL.

Nickel Salt.—A firm tone prevailed in this market again last week. The firm character of the price tone could be attributed to continuance of a good demand. Prices were unchanged. Reports from the automobile industry tended toward the optimistic side as far as production schedules were concerned for the fourth quarter.

Phosphorous.—Demand was spotty. Prices were unchanged. Owing to unrestrained competition prices, phosphorus in Japan had fallen to the level of £50.00 per 100 pounds during the early months of this year. Recently a sales agreement was concluded by the three Japanese producers with the result that quotations have been advanced to £73.00 per 100 pounds. Vernacular papers point out that even with this advance the domestic price is some £30.00 to £40.00 below the world level. It is claimed that the new Japan-

MECHLING'S
HEAVY CHEMICALS
AGRICULTURAL INSECTICIDES
Silicate of Soda
Hyposulphite of Soda
Sulphite of Soda
Bisulphite of Soda
Sal Soda
Spraying and Dusting Materials
Immediately available in any amount
◆
We will gladly advise you on particular problems
MECHLING BROS. CHEMICALS
DIVISION OF GENERAL CHEMICAL COMPANY
CAMDEN, N. J. BOSTON, MASS.

PERFECT FOR PERFUMING
√LAUNDRY SOAPS
√WASHING POWDERS
√LIQUID CLEANSERS
√POLISHES, etc.
Javonella imparts a fresh, clean and lasting fragrance
Javonella
3 Good Reasons Why It Pays to Use
JAVONELLA
● It's a manufactured article .. free from the price fluctuations of natural essential oils such as Citronella, Sassafras, etc.
● Its high quality never varies, enabling you to manufacture uniformly dependable products.
● Always lower in cost than the natural oils, its use results in production economies and higher profits without lowering quality standards.
SEND FOR YOUR FREE SAMPLE AT ONCE
FELTON CHEMICAL COMPANY
Incorporated
603 Johnson Avenue, Brooklyn, N. Y.
Manufacturers of Aromatic Chemicals, Natural Derivatives, Perfume Oils, Artificial Flower and Flavor Oils
Stocks carried in principal cities

SYNTHETIC
Imported CRYOLITE 98/100% Snow White
Warehouse Stocks in New York and Baltimore
CUNO SIEVERS INC. ● ESTABLISHED 1908 ●
101 Cedar Street New York
BArclay 7-3858-3859-3865

MAGNESIUM FLUOSILICATE
CALCIUM FLUOSILICATE
ZINC FLUOSILICATE
FLUORINE PRODUCTS Division of Sterling Products Company Easton, Pa.

TRI-BASIC COPPER SULPHATE
TC TENNESSEE CORPORATION
COPPER CARBONATE
TENNESSEE CORPORATION
ATLANTA, GA.—LOCKLAND, O.
IN FLORIDA, U.S. PHOSPHORIC PRODUCTS CORP., TAMPA

ese agreement paves the way for an international agreement on prices, according to the Trade Commissioner at Tokyo.

Potash Carbonate.—Business in this market continued at an irregular pace throughout the week. Quotations were steady to firm. From a 1929 high of 11,322 short tons valued at $1,024,106 imports of potassium carbonate into the United States have declined steadily, to a low of 1,397 tons in 1936 valued at $150,806. The downward trend continued early in 1937, receipts for six months having totaled only 550 tons, as compared with 888 tons in the first half of 1936.

Potash, Caustic. — Shipments were moving out in good volume to the soap industry and other routine consumers. Prices displayed a steady to firm tone.

Potash Chlorate.—Another quiet week was experienced in this direction, the match manufacturers and other routine consumers were adhering to the practice of purchasing for nearby production requirements.

Saltcake.—Demand was good again last week. Prices were firm. Saltcake is used in the glass industry, chiefly in the manufacture of flat glass. The basic material employed in the production of glass are silica sand and soda ash; small quantities of saltcake are mixed with these materials, before melting, principally to lower the melting point, aid fusion of the glass batch, and reduce the danger of crystallization. Saltcake, however, has a corrosive effect on furnace refractories, and its consumption in the glass industry is declining with the development of automatic temperature controls and other technical improvements which permit the use of smaller proportions of saltcake in the glass batch. Statistics show that 41,189 tons were consumed in the glass industry in 1935 against 23,446 tons in 1931, according to a survey by the Tariff Commission. The principal requirement for saltcake in the glass industry is a very low content of iron and other impurities, since these impart an undesirable color to the glass. Glass manufacturers, according to the survey, generally use a carefully graded chemical saltcake which commands a premium of several dollars per ton over ordinary grades. According to the information obtained by the Tariff Commission, in 1935 the average delivered cost of saltcake at the plants of representative plate glass manufacturers was $17.62 per short ton, as compared with $14.23 for that consumed in the domestic sulphate pulp industry. Small but increasing quantities of natural soda sulphate are consumed in the glass industry. Nearly all of the saltcake used in the glass industry is obtained from domestic sources. Plate glass is produced chiefly in Pittsburgh, Pa.; Toledo, Ohio; Ottawa, Ill.; and Crystal City, Mo.; which points are far from seaboard and relatively near producers of chemical saltcake.

Soda Ash.—Business in this market continued at a fair pace throughout the week just ended. A firm tone governed the activities and sellers were asking quotations of the preceding period.

Soda Bicarbonate. — Shipments were moving out at a good pace throughout the week, usual buyers supplied the call, and prices were well held at the levels in effect previously.

Soda, Caustic.—Usual consumers supplied a fairly good interest, the shipments against contracts being sufficient in volume to give the market a decidedly firm price appearance.

Soda, Cyanide. — A nrm tone continued in prominence in this market again last week. No change was uncovered in quotations. The call came from the plating trade and other routine consumers.

Soda Phosphate.—This market continued to experience a fair demand throughout the week, sellers were holding to previous prices for tri-basic soda phosphate, and a steady tone was noted in di-basic material.

Soda Silicofluoride.—Quiet continued in this market again last week, sellers were holding to previous prices. The call came from routine sources of consumption.

Soda Stannate. — Quotations were lower Thursday at 37c. to 40c. per pound, reflecting a decline in the basic product.

Tin Salts.—An irregular call was noted here, quotations for tin crystals were fractionally lower as a result of a decline in the basic metal. The world's visible supply of tin increased 265 tons during August in the face of predictions of a decrease of 500 to 1,500 tons or more. The total supply at the end of August stood at 21,019 tons, according to a cable received by the Commodity Exchange from the London Metal Exchange. The carryover at the Straits Settlements declined 278 tons to 3,332 tons and the carryover at Arnheim, Holland, rose 383 tons to 1,665 tons. Straits tin shipments to all countries during August came to 8,525 tons and American tin deliveries were 7,580 tons as against 4,980 tons in July and 5,385 tons in August of last year.

Tungsten Oxide.—Prices were strictly nominal. The nominal position of the market could be attributed to continuance of wide fluctuations in the basic product. In dispatch received today by the U. S. Bureau of Mines, through the State Department, from the American Consulate General at Hongkong, it is reported that the tungsten market continues strong and prices have risen to 100 shillings per long ton c.i.f. European ports for ore afloat. The Central Wolfram Administration or Kwangtung Wolfram Monopoly has made no sales for some time past and, according to local Hongkong exporters, it is believed that while hostilities with Japan continue China will not appear as a seller of tungsten in world markets. According to the dispatch, it is rumored in Hongkong that the Chinese Government will establish monopolies or otherwise control exports of antimony ore, crude, and regulus, as well as other minerals exported from China with the exception of tin. According to one local exporter such control has been established in Central China but to date no such regulations have been applied in the Kwangtung province.

Acids

Business in the market for mineral acids continued highly irregular during the week just ended. Manufacturing consumers continued to cover for immediate production requirements only, but the volume of business noted in the market for sulphuric acid was sufficient to absorb current production. Prices for muriatic and nitric acids continued firm. There was little to report in acetic acid, routine consumers supplied the call. Buying of formic acid and chromic acid held up fairly well. Boric acid noted a favorable contract movement.

Acetic.—Demand continued highly irregular throughout the week, prices were holding firmly to previous values.

Battery. — Business here continued quiet during the week, and sellers were holding firmly to previous values.

Boric. — Shipments were moving against contracts at a fair pace again last week. Prices ruled steady.

Chromic.—A decidedly firm tone prevailed in this market again last week, routine consumers were purchasing on a moderate scale. Prices were without change.

Formic. — This market continued to enjoy a fair demand and producers were holding to previously established prices.

Lactic.—Demand continued at a fair pace throughout the period under review. Quotations were unchanged.

Muriatic. — Shipments were moving against contracts at a fair pace at times during the period under survey, and prices were unchanged.

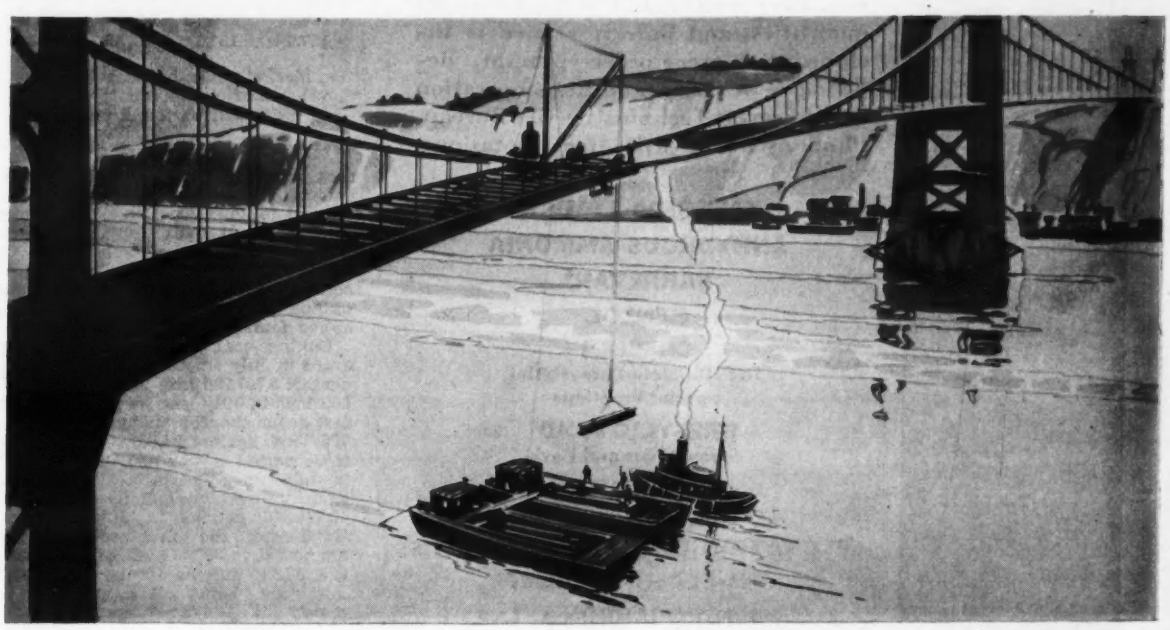
Nitric.—A fair buying movement was reported here. Quotations were unchanged. The imports into the United States of nitric acid, principally from Norway, have increased from 7 short tons in 1932 to 86 in 1933, 137 in 1934, 196 in 1935, and 435 in 1936. The receipts during the first half of 1937 totalled 240 short tons.

Sulphuric.—A firm tone continued in prominence in this market again last week. Prices ruled unchanged. Shipments continued abreast of actual production. Steel mill operations were slightly higher at 84.1 percent of capacity.

Baltimore, Sept. 1.—The sulphuric acid situation remains about as it has been, with users of acid still embarrassed by the difficulties of getting supplies in quantities adequate for their requirements. The addition made locally to production has thus far been without any definite effect upon the trade, and the

(Continued on page 33)

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7



CONFIDENCE

ALKALI

Builders of famous bridges and viaducts and the manufacturers of Diamond Alkalies have one thing in common. Both enjoy a confidence among those they serve, born of faultless performance—both bear the brunt of a mighty responsibility and both measure up to the highest standard of dependability.

Throughout industry Diamond Alkalies measure up to the highest expectations for quality, purity, strength and uniformity.

DIAMOND ALKALI COMPANY
PITTSBURGH AND EVERYWHERE

Barrett
CHEMICALS

Barrett Chemicals are produced under strict laboratory control to meet rigid specifications established during 83 years of successful manufacturing service. They are available in large or small quantities, and Barrett service is included with every order—prompt, dependable deliveries and the cooperation of the Barrett Technical Service Bureau. Phone, wire or write for quotations.

AMMONIA LIQUOR
ANHYDROUS AMMONIA
BARRETAN*
BENZOL
CRESOLS
U. S. P., Meta Para, Ortho
Special Fractions
CRESYLIC ACID
Straw Color and Dark
CUMAR*
Paracoumarone-indene Resin
FLOTATION OILS AND REAGENTS
HI-FLASH SOLVENT
HYDROCARBON OIL
NAPHTHALENE
Crude, Refined Chipped, Flake, Ball and Nugget
PHENOL (Natural)
U. S. P., 40° M. Pt.
Technical 39° M. Pt.
Technical 82-84% and 90-92%
PICKLING INHIBITORS
PICOLINES
PYRIDINE
Refined, Denaturing and Commercial
QUINOLINE
RUBBER SOFTENERS
SHINGLE STAIN OIL
SOLVENT NAPHTHA
SPECIAL HEAVY OIL
TAR ACID OILS
TOLUOL
XYLENOLS
XYLOL

*Trade-mark of The Barrett Co., Reg. U. S. Pat. Off.

THE BARRETT COMPANY
40 Rector Street, New York, N. Y.

Barrett Specification Roofs . . . Barrett Shingles and Roll Roofings . . . Protective Coal-tar Paints and Dampproofing Materials . . . Tarvia and Tarvia-lithic, for road construction . . . Creosote Oil . . . Pipe Line Coatings . . . domestic Sulphate of Ammonia and Arcadian, the American Nitrate of Soda.

Coaltar Chemicals

Phenol Higher—Cresylic Acid Continues in Good Demand—Benzol Firm—Phthalic Anhydride Active—Fair Call for Colors —July By-Product Output Shows Sharp Advance

Business in the market for coaltar chemicals continued good throughout the week just closed. Manufacturing consumers were withdrawing full contract allotments of cresylic acid, benzol, toluol and xylol. A sharp increase was noted in price for phenol. Coaltar intermediates and colors were in fair demand.

An advance in price for phenol was not unexpected, for demand for export account, as well as for domestic account, has been exceptionally heavy over recent months. Cresylic acid shipments against contracts continued to absorb current production. Crude naphthalene continued dull. Benzol buying was good. Toluol inquiry underwent some improvement, and the call for xylol and solvent naphtha was equal to actual output. Phthalic anhydride was in active demand.

Coking coal charged in by-product ovens in July amounted to 6,280,944 tons, against 5,787,926 tons in June and 5,271,000 tons in July last year. Total for the first seven months amounted to 43,202,770 tons, against 34,631,900 tons in the same period a year ago. Tar recovered in July amounted to 55,649,163 gallons, against 51,381,024 gallons in June and 46,701,946 gallons in July last year. Total for the first seven months amounted to 382,776,542 gallons, against 306,838,634 gallons in the same period last year. Light oil output was estimated at 18,276,547 gallons, against 16,842,964 gallons in June and 15,338,901 gallons in July a year ago. Total for the first seven months amounted to 902,372,060 gallons, against 811,678,829 gallons. Ammonia production, sulphate or its equivalent, amounted to 69,204 tons in July, against 64,093 tons in June and 58,238 tons in July last year. Total for the first seven months amounted to 480,171 tons, against 379,952 tons in the same period a year ago.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Phenol, ¾c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
127.3	127.2	127.2	126.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Business in this market continued at a good pace throughout the week just closed. Manufacturing consumers were withdrawing full contract allotments. Prices were decidedly firm. Steel operations last week were at 84.1 percent of capacity, against 83.8 percent in the previous week, according to the American Iron and Steel Institute. A month ago operations were at 85.5 percent and a year ago at 71.5 percent. Benzol production in July amounted to 10,762,000 gallons, against 9,517,000 gallons in June and 8,869,000 gallons in July last year. Total for the first seven months amounted to 71,683,000 gallons, against 56,961,000 gallons. Both production and stocks of coke increased during the month of July. The daily rate of output from by-product and beehive plants, amounting to 153,611 tons, was 6.2 percent greater than the June rate of 144,692 tons, and was 23.7 percent above the rate prevailing in July a year ago. Output of by-product coke for the 31 days of July was 4,422,106 tons, an average per day of 142,649 tons. Compared with the June rate there was an increase of 6.3 percent, all of this gain being attributable to resumed activities in the iron and steel industry. At furnace plants the daily rate advanced 10.0 percent, while at merchant plants a decrease of 3.2 percent was reported. Two plants, closed down throughout June, resumed operations. One other plant put into operation a battery of 73 new ovens. The production of beehive coke for the month rose from 10,550 tons per day in June to 10,962 tons in July, an increase of 3.9 percent.

Stocks of coke at by-product plants continued to rise, the total on hand at the close of July amounting to 2,008,552 tons, 9.0 percent in excess of June reserves. The bulk of the increase was at merchant plants, where stocks advanced 11.7 percent according to the Bureau of Mines.

Creosote Oil.—A substantial amount of business was reported in this market again last week. Prices were steady to firm at the levels in force in the previous period. The buying came from routine sources.

Cresylic Acid. — Shipments were moving against contracts at a good pace throughout the period under survey, sellers were holding firmly to quotations in order in the preceding period. Contract shipments continued to absorb current production, the call coming from the synthetic resin industry and other routine consumers.

Naphthalene.—An exceptionally quiet market was noted for crude material during the week. In fact, the dull character of the call caused some sellers to report that sales had been transacted at $2.15 per 100 pounds, but the market generally was being held at $2.25 to $2.50 per 100 pounds. The slow call could be attributed to seasonal influences.

Phenol.—The heavy demand for this product over some months caused an advance in this product. Sellers were quoting tankcars at 13½c. per pound; car lots, drums, 14½c. to 15½c. per pound, returnable and non-returnable drums; over 1,000 pounds, 15¼c. to 16¼c. per pound; under 1,000 pounds, 16¼c. to 17¼c. per pound.

Pyridin.—This market continued to display a firm tone throughout period under review. Shipments were moving at a good pace.

Solvent Naphtha.—A firm tone prevailed in this market again last week, the call for industrial water white solvent naphtha held up fairly well. No change was uncovered in quotations.

Toluol.—A slight improvement was shown in the market for this product again last week. Quotations were unchanged. Reports from the automobile industry indicated an optimistic feeling prevailed regarding fourth quarter production.

Xylol.—Demand continued good again last week. Quotations were in conformity with the schedule in effect previously.

Chicago Coaltar Bases

Chicago, Sept. 3.—Demand is good for certain grades of coaltar bases, especially benzol. Supplies have not yet entirely caught up with orders since the recent strike interruption. On the other hand, toluol is a little easy, but prices are unchanged all around on various products. Inquiries are good. Ruling prices exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 9½c. to 10½c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 13½c. to 14c.

Coaltar Acids

Anthranilic.—Demand continued fair in this market. Quotations ruled unchanged.

Benzoic.—This market presented little change from recent weeks, in that the call was spotty and quotations were well maintained.

Broenner's.—Another dull week was recorded in this direction. Prices ruled steady.

Picric. — Shipments were moving against contracts at a fair pace. No change was uncovered in quotations.

Salicylic.—Shipments were moving against contracts at a favorable pace throughout the week. No change was disclosed in quotations.

Sulphanilic.—This market continued to note a fair demand throughout the week. Prices were well maintained.

Tobias. — Business here was fair throughout the period under survey. Prices were in line with quotations in vogue previously.

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

Other Intermediates

Alphanaphthol.—A fair demand was noted in this direction again last week. Prices were well held.

Anilin Oil. — Shipments continued to move out at a fair pace against contracts. Prices were unchanged.

Betanaphthol.—This market continued to experience an active inquiry throughout the period under review. Quotations were in line with previous values.

Dinitrotoluene, Oily.—Although the market was a rather quiet affair again last week, routine consumers being content to cover for immediate needs only, prices were well held.

Metanitroparatoluidin.—There was little to report in this market again last week, in that usual buyers were withdrawing for actual wants only, but quotations were well sustained.

Metatoluylenediamine.—This situation presented little variation from recent weeks, demand was moderate and prices were firm.

Nitrobenzene.—Usual consumers were supplying an irregular call for this product, but the irregularity in the call failed to have influence on the market pricewise.

Orthocresol.—A decidedly firm tone prevailed in this direction again last week. Quotations were unchanged. Demand was good.

Orthdichlorobenzene. — Shipments were moving against contracts in substantial volume during the week, prices were decidedly firm.

Phthalic Anhydride.—Continuance of a heavy demand was noted in this market again last week. Prices were unchanged.

Coaltar Colors

A fair demand was noted for coaltar colors throughout the week just ended. Prices ruled steady to firm. Textile manufacturers were withdrawing sufficient supplies for nearby production requirements only. The lighter shades continued as the prominent hues in demand. Domestic cotton mills continue to find new cloth business slow, due to easing cotton prices, mill shutdowns because of holidays, and, to some degree,

Heavy Chemicals

Acids

(Continued from page 31)

hunt for stocks goes on as diligently as before. Even producers who have entered commitments to supply acid or need it for their own requirements say they would pay top prices for any lots that could be obtained, and the trade, it appears, is in a position to absorb liberal additions to offerings if they were to be had. The one new plant that has just gotten into production encountered the usual difficulties, with operations halted to make adjustments to equipment and with other retarding factors at work, but it is expected that the plant will presently be running at capacity, with the market ready to take up the increase in output. The nominal quotations stand at $12 per ton for 60 degree and at $15 per ton for 66 degree acid, but premiums are paid on lots that may be located. The market for oleum also shows firmness, with the figures mentioned unchanged around $17 per ton for 20 percent supplies, but with actual values more or less above this level.

Insecticides

Demand was spotty in the market for agricultural insecticides and fungicides during the week. Prices were unchanged. The Department of Agriculture carried on a campaign to save American elms from extinction by Dutch elm disease, which has practically wiped out European elms. The disease is concentrated in a comparatively small area extending radially from New York City about 50 miles into Connecticut, New York State, and New Jersey. There have been a few isolated cases also in Maryland, Virginia, Indiana, and Ohio, and beyond the major disease area, in Connecticut. No cure for the disease has been developed. The only hope for the American elm is to find every diseased tree and destroy it before the infection can be spread to healthy trees. Most elms condemned as possible sources of infection—more than three million all told—have been felled and burned. About 625,000 of these, however, were killed by the new treatment —"silvicide." This is done by peeling a band of bark from the tree at about breast height and placing over the exposed wood granulated copper sulphate, kept in place by a strip of oil cloth. Moisture from the wood dissolves the copper sulphate, which, taken up by the sap, soon poisons the tree. This treatment has proved about 95 percent effective in killing banded trees. Any trees hardy enough to survive the girdling and chemical injection will be felled and burned. Trees killed by silvicide are left standing for the owner to use when and as he sees fit. Dutch elm disease came into the United States between 1925 and 1933 on burl elm logs shipped from Europe to cabinet makers in the Middle West. The fungus that causes the disease does not grow on the outside of elm trees. Its spores are not carried by the wind. It is spread by insects, particularly the small European bark beetle and the American elm beetle, which lay their eggs in shallow tunnels beneath the bark. The young beetle grubs feed on the wood around them, mature, and emerge to fly off to other elms, carrying with them disease spores, if the wood on which they fed was infected. Objectives of the Federal eradication campaign, now in its fifth year, are (1) discovery and removal of every diseased tree as soon as possible after the first symptoms of infection—yellowing and wilting leaves and dying branches, which show up well in June and July; (2) removal of dead and dying elms, which are particularly attractive to bark beetles; (3) destruction in swamps and woods of wild elms that have no value and may harbor Dutch elm disease spores.

Calcium Arsenate.—Demand was slow during the week, reflecting off-season influences. Prices were unchanged. Entries into the United States of foreign calcium arsenate during the first half of 1937 aggregated 104.9 short tons, valued at $7,114, indicating a decline from the record established during the year 1936 when 408.6 tons valued at $29,009 were entered in the Eastern cotton belt the week was cloudy and wet, with almost daily rains while in the West it was mostly fair and moderately warm. Conditions in the East were decidedly unfavorable, but in Western sections they were mainly satisfactory.

Lead Arsenate.—Demand showed further slackening. Prices ruled steady.

Nicotine Sulphate.—A steady tone was noted here, although buying was irregular.

---

political uncertainty. However, mill activity in this country seemed to be holding up better than might be expected under these conditions. It appears that many mills have only a moderate backlog. Imports of coal-tar dyes into the United States, entered for consumption, increased to 1,903,331 pounds ($2,572,927) in the first 6 months of 1937 from 1,502,193 pounds ($2,156,483) in the corresponding half of 1936. Trade in dyestuffs in the United Kingdom during the second quarter of 1937 appeared satisfactory, according to reports from producers. Dyers of cotton goods and woolen piece goods proved the best customers in the textile industry; while other industries purchasing colors in considerable volume were the carpet manufacturers, and papermakers, many of whom have been enjoying almost boom conditions during recent months, according to the Consul at Manchester.

Aw Boon Haw & Aw Boon Par, owners of the factory manufacturing proprietary medicines in Singapore, reports it is planning to erect a twelve-story building for its head offices, and another building covering 60,000 square feet for factory use. The buildings will cost, it is estimated, approximately $1,000,000.

J&L LIGHT OIL DISTILLATES

COMMERCIALLY PURE BENZOL
90% BENZOL • CXP BENZOL
XYLOLS (SOLVENT NAPHTHA)
REAGENT BENZOL • PURE TOLUOL
SULPHATE OF AMMONIA

JONES & LAUGHLIN STEEL CORPORATION
PITTSBURGH PENNSYLVANIA

KOPPERS

KOPPERS COMPANY, Pittsburgh, Pa.
Please send me information about the following Koppers products:

CHEMICALS
- ☐ Benzol (all grades)
- ☐ Toluol, Industrial
- ☐ Toluol, Nitration
- ☐ Xylol, 10°
- ☐ Xylol, Industrial
- ☐ Solvent Naphtha (including High Flash)
- ☐ Phenol, 82% Purity
- ☐ Phenol, 90% Purity
- ☐ Cresol, U.S.P.
- ☐ Cresol, Resin Grades
- ☐ Cresol, Plasticizer Grades
- ☐ 3° Meta Para Cresol
- ☐ Cresylic Acid, Disinfectant Grades; 98% pale; low-boiling
- ☐ Cresylic Acid, Insecticide Grades; 98% pure; high-boiling
- ☐ Naphthalene
- ☐ Shingle Stain Oil
- ☐ Refined Tars
- ☐ Tar Acid Oils
- ☐ Pitch Coke
- ☐ Industrial Coal Tar Pitches
- ☐ Flotation Oils
- ☐ Creosote

CONSTRUCTION MATERIALS AND EQUIPMENT
- ☐ Tanks and Tank Work
- ☐ Benzol Recovery Plants
- ☐ Naphthalene Removal Apparatus
- ☐ Phenol Removal Apparatus
- ☐ By-product Gas Plants
- ☐ By-product Recovery Apparatus
- ☐ Sulphur Recovery Apparatus
- ☐ Coal Tar Roofing Materials
- ☐ Waterproofing and Dampproofing Materials
- ☐ Tarmac Road Tars
- ☐ Bituminous-base Paints
- ☐ Fast's self-aligning Couplings
- ☐ Treated Lumber, Poles, Piling, etc.
- ☐ Piston Rings
- ☐ Gas, Air and Water Valves
- ☐ Fire Hydrants
- ☐ Special Machinery

FUELS
☐ Coal ☐ Coke

Name.....
Company.....
Address.....

KOPPERS DIVISIONS, SUBSIDIARIES AND AFFILIATES—American Hammered Piston Ring Division . . . Bartlett Hayward Division . . . Boston Towboat Company . . . Eastern Gas and Fuel Associates . . . Engineering and Construction Division . . . Gas and Coke Division . . . The Koppers Coal Company . . . Koppers-Rheolaveur Company . . . The Maryland Drydock Company . . . Mystic Iron Works . . . Mystic Steamship Company . . . National Lumber and Creosoting Co. . . . New England Coal and Coke Company . . . Tar and Chemical Division . . . Western Gas Division . . . The White Tar Company of New Jersey, Inc. . . . The Wood Preserving Corporation.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-fifty-seventh Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Boric Acid Ester of Grapeseed Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coal-tar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Butyric Acid Ester of Grapeseed Alcohol

(Uses same as those given for Boric Acid Ester of Grapeseed Alcohol)

Cyclohexanediacetic Acid Ester of Grapeseed Alcohol

(Uses same as those given for Boric Acid Ester of Grapeseed Alcohol)

Naphthenic Acid Ester of Grapeseed Alcohol

(Uses same as those given for Boric Acid Ester of Grapeseed Alcohol)

Salicylic Acid Ester of Grapeseed Alcohol

(Uses same as those given for Boric Acid Ester of Grapeseed Alcohol)

Succinic Acid Ester of Grapeseed Alcohol

(Uses same as those given for Boric Acid Ester of Grapeseed Alcohol)

Boric Acid Ester of Ricinoleic Alcohol

Bituminous

Solvent (Brit. 445223) for—
Asphalt and other bituminous bodies

Dye

Solvent (Brit. 445223) for—
Dyestuffs, particularly oil-soluble coal-tar dyes

Fats, Oils, and Waxes

Solvent (Brit. 445223) for—
Fats Waxes
Oils

Resins

Solvent (Brit. 445223) for—
Oil-soluble glycerol-phthalic acid resins
Polymerized vinyl compounds
Synthetic resins

Rubber

Solvent (Brit. 445223) for—
Rubber

Potassium Chloride

(Additional uses—supplementary to list printed in the OIL, PAINT AND DRUG REPORTER *for July 16, 1934, page 30)*

Abrasives

Treating agent (U.S. 1402714) for—
Emery

Building and Construction

Acidproofing agent (U.S. 1495138) for—
Concrete

Bonding agent (U.S. 1495138) for—
Concrete

Oilproofing agent (U.S. 1495138) for—
Concrete

Waterproofing agent (U.S. 1495138) for—
Concrete

Cellulose Products

Process material (U.S. 1242030) in making solvents for—
Cellulose Cotton
Cellulose hydrate Oxycellulose

Chemical

Catalyst in making—
Diphenyl (U.S. 1891514 and 1894283)
Urea (U.S. 1292019)

Chlorinating agent (U.S. 1440976) for—
Olefin acid extracts

Hydrolyzing agent (U.S. 1439780) for—
Carbohydrates

Ingredient of—
Absorption compounds (mixtures) for carbon dioxide (U.S. 1290244)
Solvent for mucin (U.S. 1471987)

Process material (U.S. 1495551) in—
Granulating cyanamide

Process material (Brit. 404164, French 751158) in—
Hydrolysis of halogenated hydrocarbons

Process material in making—
Alum (U.S. 1359011 and 1396675)
Aluminum chloride (U.S. 1474479 and 1478822)
Aluminum oxide (U.S. 1478822)
7-Amino-3-chlor-2:3-alphanaphthacridin-5:8:13-(14)-trione-6-sulphonic acid (U.S. 1207981)
Ammonia (U.S. 1473966)
Ammonium carbonate (U.S. 1473966)
Amylene chlorhydrin (U.S. 1264535 and 1264536)
Butylenechlorhydrin (U.S. 1264535 and 1264536)
Calcium carbide (U.S. 1486618)
Calcium oxide
Calcium phosphate (U.S. 1204238)
Calcium-potassium ferrocyanide (U.S. 1253571)
Carbon (U.S. 1501111)
Chlorine (many patents)
Ethylenechlorhydrin (U.S. 1264535 and 1264536)
Hexylenechlorhydrin (U.S. 1264535 and 1264536)
Hydrochloric acid (many patents)
Hydrogen (U.S. 1336281)
Hydrogenation catalysts
Iron(ic) arsenate
Iron(ic) arsenite
Iron(ic) oxide
Lead chloride (U.S. 1441063)
Lithium chloride (U.S. 1515001)
Magnesium chloride (U.S. 1473966)
Magnesium sulphate (U.S. 1289072)
Manganese dioxide (U.S. 1343390)
Metal chlorides (U.S. 1474479)
Nickel carbonate (U.S. 1289072)
Nickel oxide (U.S. 1289072)
Nickel sulphate (U.S. 1289072)
Nickel sulphide (U.S. 1289072)
Phenol (Brit. 404164)
Phosphoric acid
Phosphorus pentachloride
Phosphorus trichloride
Picric acid
Potassium acetylsalicylate (U.S. 1217862)
Potassium amide
Potassium bitartrate (U.S. 1278257)
Potassium carbonate (various patents)
Potassium cyanamide
Potassium manganate (U.S. 1281751)
Potassium metaphosphate (U.S. 1284200)
Potassium salts of sulphonic acids (U.S. 1396320)
Potassium sulphate (Brit. 410830)
Propylenechlorhydrin (U.S. 1264535 and 1264536)
Silica (U.S. 1285690)
Sodium (U.S. 1375330)
Sodium aluminate (U.S. 1478822)
Sodium chloride (U.S. 1308576)
Sodium silicate (U.S. 1478822)
Zinc carbonate
Zinc chloride (U.S. 1352399)
Zinc hydroxide
Zinc oxide

Separating agent for—
Anthraquinonesulphonic acids (U.S. 1437571)
Naphtholdisulphonic acids (U.S. 1494096)

Starting point in making—
Chlorosulphonic acid with sulphuric anhydride and sulphuric acid (U.S. 1898879)
Hydrochloric acid with sulphuric acid (Brit. 404938)
Hydrochloric acid with phosphoric acid (Brit. 404938)
Nitrosyl chloride (U.S. 1920333)
Potassium carbamate (Brit. 405809)
Potassium iodide (Brit. 363353)
Potassium sulphate with ammonium sulphate (French 765292)

Cosmetic

Ingredient (U.S. 1471987) of—
Dentifrice

Dye

Process material (U.S. 1207981 and 1207982) in making—
Dyestuffs

Electrical

Ingredient of—
Dry batteries

Process material in making—
Electrodes for arc lamps

Fats and Oils

Process material (U.S. 1209723) in making—
Fats

Refining agent for—
Corn oil Oat oil
Nut oils

Food

Drying agent (Brit. 407829) in—
Table salt (maintains sprinkling capacity)

Ingredient of—
Infant milk food (U.S. 1445434)
Milk (U.S. 1410809)

Fuel

Ingredient of—
Binder for coal briquets (U.S. 1396603)
Fuel (U.S. 1501111)

Metallurgical

Case-hardening agent for—
Metals

Ingredient of—
Electrolyte for etching brass, copper, nickel, steel, and zinc (U.S. 1314840, 1314841, and 1314842)
Fluxes for welding iron to copper (U.S. 1193667)
Fluxes for welding steel to copper (U.S. 1193667)
Fluxes for welding iron to copper alloys (U.S. 1193667)
Fluxes for welding steel to copper alloys (U.S. 1193667)
Fluxes for welding iron to phosphor bronze (U.S. 1193667)
Fluxes in brass-coating iron and steel (U.S. 1125158)
Fluxes in bronze-coating iron and steel (U.S. 1125158)
Fluxes in copper-coating iron and steel (U.S. 1125158)
Fluxes in gold-coating iron and steel (U.S. 1125158)
Fluxes in silver-coating iron and steel (U.S. 1125158)
Fluxes for magnesium (U.S. 1519128)
Soldering composition for aluminum (U.S. 1402644)

Ingredient (U.S. 1520744) of salt bath in heat treating—
Brass Copper
Bronze Nickel alloys
Chrome alloys Steel

Oxidizing agent (U.S. 1437316) for—
Lead-coated copper sheeting

Process material in making—
Alloy containing cerium (U.S. 1290010 and 1290011)
Aluminum (U.S. 1160431)
Aluminum-magnesium alloy (U.S. 1258261)
Antimony (U.S. 1146373)
Arsenic (U.S. 1146373)
Beryllium (U.S. 1190122)
Bismuth (U.S. 1146373)
Cadmium (U.S. 1146373)
Cerium (U.S. 1273223)
Cobalt (U.S. 1146373)
Copper (U.S. 1285690, 1441063 and 1485909)
Copper-magnesium alloy (U.S. 1258261)
Gold (U.S. 1146373 and 1207261)
Iron (U.S. 1146373)
Lithium (U.S. 1515001)
Magnesium (U.S. 1457225, 1486546, and 1519128)
Magnesium-tin alloys (U.S. 1258261)
Manganese (U.S. 1146373)
Mercury (U.S. 1146373)
Misch metal (U.S. 1273223)
Molybdenum (U.S. 1124143)
Nickel (U.S. 1146373 and 1289072)
Silver (U.S. 1146373, 1441063, and 1485909)
Tin (U.S. 1146373)
Tungsten (U.S. 1124143)
Zinc (U.S. 1146373)

Treating agent (U.S. 1402714) for—
Bauxite

Mining

Flotation agent (U.S. 1203372 and 1203374) for—
Galena
Ores
Sphalerite

Treating agent for—
Argentite (U.S. 1441063)
Chalcocite (U.S. 1441063)
Copper sulphide ores (U.S. 1441063)
Galena (U.S. 1441063)
Zinc sulphide ores (U.S. 1203372 and 1203374)
Lead sulphide ores (U.S. 1203372 and 1203374)
Silver sulphide ores (U.S. 1441063)

Miscellaneous

Ingredient of—
Cigaret-lighting composition (U.S. 1454902)
Chemical heating agent (U.S. 1488656)

Treating agent (U.S. 1421703) for—
Coconut fiber

Paint and Varnish

Process material in making—
Lead chromate (U.S. 1484088)
Iron oxide pigment (U.S. 1490372)

Paper

Treating agent (U.S. 1130817) for—
Cellulose sulphite liquor

Petroleum

Diminisher (Brit. 415065) of catalytic action in making—
Polymerized paraffin wax products used to improve color and viscosity of lubricating oils

Pharmaceutical

Process material (U.S. 1243349) in making—
Local anesthetic for dentistry

Photographic

Reagent (U.S. 1242030 and 1214940) in making—
Photographic films

Toning agent (U.S. 1473568) for—
Prints

Resins

Process material (U.S. 1460606) in making—
Formaldehyde-urea condensates

Rock Products

Extractant (U.S. 1173385) of—
Iron compounds from sand
Copper compounds from sand

Textile

Degumming agent (U.S. 1517888) for—
Cellulose acetate

Desizing agent (U.S. 1517888) for—
Cellulose acetate

Mercerizing agent (U.S. 1132001) in making—
Silk-like finishes on cotton fabrics

Water and Sanitation

Regenerating agent for—
Glauconite water-softening agent (U.S. 1348977)
Peat water-softening agent (U.S. 1426638)
Permutite (U.S. 1249368)
Zeolites (U.S. 1249368)

Dyestuffs and Textile And Leather Chemicals

Local Stocks of Egg Products Low—Corn Derivatives Barely Steady —Cochineal and Annatto Quiet—Zinc Dust Firm—Fair Demand for Sumac—Wattle Bark and Valonia Unchanged

Business in the market for dyestuffs and tanstuffs continued at a highly irregular pace throughout the week just closed. Manufacturing consumers continued to adhere to the plan of covering for immediate production requirements only. Despite the dull character of the call, sellers reported the market generally was steady to firm. A good portion of the dullness could be attributed to adverse seasonal influences.

Egg products continued decidedly firm tone, the firm undercurrent could be attributed to the limited supply of stocks on hand here, together with the uncertainty surrounding future positions as a result of the Sino-Japanese hostilities. Trading was practically at a standstill, for importers were not trading for speculative purposes. Corn derivatives display a barely steady tone. This condition could be explained by the fact that the basic product was displaying a weak price tendency. Bichromates continued firm, but withdrawals were moderate. The call for dyestuffs was spotty. Consumption of apparel class raw wool averaged 4,102,000 pounds weekly during July, as compared with a weekly average in June of 5,020,000 pounds, according to the Department of Commerce. Cochineal and annatto were dull. Dutch madder remained firm. Alumina chloride was steady. Antimony salt remained steady. There was little to report in tanning materials, sumac being about the most active. Wattle bark retained a firm appearance, the firmness coming about as a result of the firm character of the dealings in the primary market. Zinc dust was firm.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
155.2	154.1	154.1	152.3

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride. — Demand continued at an irregular trend throughout the week. Prices were steady to firm at previous levels.

Antimony Salts.—Demand continued spotty during the week just closed. The irregularity in the call failed to have an influence on the market pricewise.

Potash Bichromate. — Business here was fairly good throughout the period under review, sellers were holding firm to prices in force previously.

Potash Prussiate.—The market for red potash prussiate continued at a slow pace throughout the week just ended, sellers holding firmly to the quotations in order previously.

Soda Bichromate.—Shipments were on a moderate scale throughout the week just closed, routine consumers were covering for nearby production requirements, and prices displayed a decidedly firm tone.

Sulphonated Oils. — Demand continued highly irregular throughout the week under review, sellers were asking the quotations in order previously, with a firm tone in evidence.

Zinc Dust.—Demand continued at a good pace throughout the period under review, sellers reporting prices were decidedly firm, reflecting the firmness in the basic material.

Dyestuffs

Annatto.—Conditions were relatively unchanged during the week just closed, usual consumers were content to cover for immediate needs only. Prices were unchanged.

Archil.—A firm tone continued in prominence in this market during the course of the week under survey, the firm tone being attributed to the favorable statistical position. Demand was quiet.

Cochineal.—The call for Teneriffe silver and gray cochineal continued highly irregular throughout the week just closed. Routine consumers continued to cover for imperative needs only, but prices were firm at the levels in effect in the preceding period.

Fustic.—The call for this product continued along moderate lines, usual consumers being content to purchase for actual wants only. However, the market retained a decidedly firm price tone.

Logwood.—This situation presented little variation from recent weeks, in that usual buyers were withdrawing fair-sized quantities and prices ruled at the levels in force previously.

Madder, Dutch.—Another dull week was experienced in this direction, a few small jobbing quantities making up the call, and prices ruled at the levels in force previously.

Sizing Materials

Albumen.—The market for edible egg albumen continued to note a decidedly firm tone, the firmness in the price structure could be explained by the limited supply on hand, together with the uncertainty regarding future stocks as a result of the Sino-Japanese hostilities.

Dextrin.—Business in this market was fairly good at times during the week, sellers reporting prices for the corn derivatives was barely steady, for the basic material was said to be a rather weak price position.

Egg Yolk.—Trading in this product was at a standstill throughout the week, the market was even lacking the dealings between importers, for stocks were said to be low and considerable uncertainty was noted regarding forward positions. This situation could be attributed to continuance of the Sino-Japanese hostilities.

Starch.—Business in this market continued highly irregular throughout the period under review, usual consumers were withdrawing actual wants only. The price position of the corn derivatives was barely steady, for the basic product was displaying a weak price tendency. From Michigan, Indiana and west central Kentucky eastward the weather continued generally favorable for the development of corn, with generous rains of the week helpful in many of the more eastern sections. However, less favorable weather prevailed from the Mississippi Valley westward because of general dryness and abnormally high temperatures. In Illinois progress is fair to good except that moisture in many localities is insufficient to maintain previous developments. In Missouri early corn is mostly good, but late fields in a northeast-southwest belt across the state needs rains with some firing. In Oklahoma and Texas late corn showed improvement since the recent rains. In Kansas maturity was rapid, with the crops being gathered for feeding over much of the eastern two-thirds, while cutting for silage is general. Dryness and hot winds were unfavorable in much of Nebraska and South Dakota, with corn largely a failure in the former state, except in the extreme east. In Iowa high temperatures and the absence of rain were unfavorable in many places, with further deterioration in the south, and many uplands localities in other sections, the crop matured too rapidly, with the bulk well dented and up to three-fourths now safe from frost in some northwestern counties.

Tanning Materials

Divi-Divi.—Business here continued at a slow pace throughout the week, prices were strictly nominal.

Gambier.—The markets for common gambier continued quiet, prices were held nominal. The market for Singapore cubes and plantation gambier continued spotty. Quotations were displaying a steady to firm tone.

Mangrove Bark.—This market revealed little change last week, demand continued at a slow pace and prices were well maintained at the levels in force in the preceding period.

Myrobalans.—The call for J1 myrobalans was for limited quantities, giving the market a rather slow appearance, but prices were in line with previous values. There was little to report in the market for J2 and R2 myrobalans, for buyers were remaining aloof from the dealings until such time as needs became imperative.

Quebracho.—Another dull week was noted in this market, but the comparatively slow call failed to disturb the steady price tone and sellers were quoting previous values.

Sumac.—Although the market was a rather spotty affair, in that consumers were gauging purchases by actual production requirements, sellers reported prices for ground and lead sumac continued at the levels in force in the preceding period.

Valonia.—The market for beards and cups continued at a highly irregular pace throughout the period under survey, quotations were held unchanged.

Wattle Bark.—A decidedly firm tone prevailed in this market again last week, firmness in price structure could be explained by the presence of a firm tone in the primary market. Demand continued along irregular lines.

Stanolind Oil & Gas Company, subsidiary of the Standard Oil Company of Indiana, has reported plans for the drilling of forty new test wells in the East Texas field. The drilling program will bring Stanolind's operations in the area to a total of more than 1,000 wells, according to report.

Rayon Trade Practice Conference to Be Held

WASHINGTON, Sept. 2, 1937.

The Federal Trade Commission has authorized the holding of a trade practice conference for producers of rayon or cellulose yarns, to be held in New York on or about September 16.

The purpose of the conference is to formulate trade practice rules, subject to commission approval, for properly designating and describing such yarns or fiber, to the end that the purchasing and consuming public may be protected from confusion and misunderstanding and that fair and ethical competition in the manufacture, sale, and distribution of textile commodities made of materials containing such yarn in whole or in part may be promoted and more firmly established on sound, constructive principles.

This action on the part of the commission is one of many steps which have been taken or are contemplated by the commission for the purpose of promoting accurate designations or identification of fiber-content in textiles.

I.G. Farbenindustrie's Profit Up $38,600,000

The full report of I. G. Farbenindustrie discloses an expansion in gross profits of 92,638,440 marks (about $38,600,000), the total profits being 704,574,576 marks ($293,570,000). The balance-sheet total for 1936 is 1,578,414,264 marks ($657,670,000), which compares with 1,573,790,169 marks ($655,750,000). Capital is unchanged at $720,000,000 marks ($300,000,000).

The report states that heavy demands were made on the corporation in the past year in assisting to supply Germany with raw materials, and in expanding export trade. The latter called for adaptation to changed conditions. Only by replacing losses on other markets by increased sales of specialized products was it possible to maintain exports at the 1935 level.

Sales of dyes were higher, both in value and in bulk, but international

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

NIACET PRODUCTS
Acetic Acid Glacial - U.S.P. - Reagent
Acetaldol
Acetamide
Paraldehyde
Acetaldehyde
Iron Acetates
Copper Acetate
Methyl Acetate
Crotonaldehyde
Ammonium Acetate
Manganese Acetate
Sucrose Octa Acetate
Other Acetate Salts

"SODACET"
(Trade Mark)
SODIUM ACETATE
SPECIAL 90% GRADE
A fine free-flowing powder containing 50% more actual Sodium Acetate, pound for pound, than the usual 60% grade.

Aluminum Acetate Solutions 20% Normal, 32% Basic
Sodium Acetate Tech. 60%, Special 90% Grades

NIACET CHEMICALS CORPORATION NIAGARA FALLS, N.Y.

DRY COLORS—DYESTUFFS
IMPORT EXPORT
FEZANDIE & SPERRLÉ, 205 Fulton Street, NEW YORK
Telephone: Cortlandt 7-1460-1461 Cable Address: "Fezan," N. Y.

Mutual Bichromates
MUTUAL CHEMICAL CO. OF AMERICA NEW YORK
BICHROMATE OF SODA
BICHROMATE OF POTASH
OXALIC ACID
CHROMIC ACID

MUTUAL CHEMICAL CO. OF AMERICA
270 MADISON AVE.
NEW YORK
PLANTS AT
BALTIMORE AND JERSEY CITY
MINES IN NEW CALEDONIA

competition continued acute. Sales of chemicals also showed an advance.

The production of synthetic materials and of synthetic "Buna" rubber were extended, as well as the manufacture of oils and tannings. In the pharmaceutical section a number of new patent preparations, both for European and tropical diseases, were introduced to the market. Turnover in photographic supplies showed an advance both at home and abroad.

Nitrogen sales at home were affected by the increased requirements of agriculture. Exports of nitrogen also rose slightly. Friendly cooperation between European and Chilean nitrate producers was maintained.

Fair Trade Procedure Advocated by Druggists

(Continued from page 3)

proceed along a sound unified plan, rather than permitting fair trade practices to be handled by individual States in forty-two different ways. It is further believed that the costs to the manufacturer of operating under fair trade laws must be reduced to the lowest possible minimum and that if State machinery for the investigating, handling, and reporting of complaints is efficiently operated, most violations can be corrected by appropriate notice and warning and that little litigation will be necessary.

Mr. Dargavel urged that retailers guard against illegal or unwise practices under fair trade laws and discontinue the use of preferred lists, black lists, boycotts, and similar devices which, he said, fall into the category of coercion and constitute a form of racketeering. He warned that, should coercion or attempts to dictate retail prices occur, fair trade laws would probably be repealed or be amended to subject prices to governmental supervision and control. He stated that he would much prefer out-and-out repeal to governmental price-control.

Although the financing of the enforcement activities by retail druggists themselves may become practical in the future, according to Mr. Dargavel, State associations are not now in a position to bear this burden. He suggested that an annual charge of one cent for every retail drug outlet in the States where the manufacturer's contract is in effect would not unduly burden the manufacturer and might prove sufficient to enable the State associations to perform their enforcement work effectively.

Mr. Dargavel urged that fair trade be considered as a national problem and that every State association cooperate with the National Association of Retail Druggists in its efforts to see that fair trade legislation is properly handled and carefully guided so that retail druggists, manufacturers, and consumers may secure the full benefits of the laws.

Counsel Urge Caution

Dr. Robert L. Swain, Baltimore, chairman of the N. A. R. D. committee on State and national fair trade legislation, addressed the conference on the need for a centralization of direction in fair trade matters with carefully coordinated activities in each of the several States to avoid chaos and confusion. He urged that consumers be represented on State fair trade committees in order that the public may learn the real purposes and objectives of the laws.

Dr. Swain strongly urged that no top-heavy and expensive system of administration be set up in the several States until experience shows such to be necessary. He expressed the belief that, although retail druggists have carried the brunt of the fight to secure fair trade legislation, other groups are beginning to show a greater interest in the work and will wish to avail themselves of the benefits of the laws. He urged that some method be worked out whereby the fair trade activities of all groups may be coordinated.

Herbert Levy, counsel for the national association, cautioned that fair trade is on trial in the court of public opinion. He reported that many members of the Federal administration are opposed to fair trade; that many economists believe it to be unsound, and that the Federal Trade Commission has announced its intention to scrutinize fair trade contracts for evidence of coercion. He asked that retailers pursue a sane, sound, conservative course. Mr. Levy urged that no new price legislation be considered until the industry has had an opportunity to digest the laws which have already been enacted.

Rowland Jones, jr., Washington representative of the association, warned retail druggists of the dangers which lie ahead in the path of the fair trade movement. He said that the industry must prove that it will not abuse the powers conferred by fair trade laws and that this legislation will not exploit the consumer. He called attention to the fact that the Federal administration is considering the revision of the antitrust laws and that the Tydings-Miller amendment may be threatened at the next session of Congress.

Dr. E. F. Kelly, secretary of the American Pharmaceutical Association, called atention to the need for educating the public to an understanding of the economic conditions in retailing which have necessitated fair trade laws and of the broad social significance of the fair trade movement.

N.P.V.L.A. Convention Reservations at Record

Hotel reservations for the annual convention of the National Paint, Varnish and Lacquer Association to be held in Cincinnati, October 27 to 29, have exceeded all previous records for early reservations in the long history of the organized industry.

Ernest T. Trigg, president of the association, has authorized an "Open House" invitation to the entire paint, varnish and lacquer industry, including nonmembers as well as members, to attend the convention.

The unprecedented volume of early hotel reservations quickly exhausted all available rooms at the Netherland Plaza hotel, necessitating the use of two other modern adjacent hotels to accommodate members of the industry who are planning to attend the convention. A few rooms are still available at the Gibson hotel; rooms and suites may be had at the Sinton hotel, if reservations are made promptly.

Litter to Give Boat Outing

David H. Litter, of the D. H. Litter Company, manufacturers' representatives, this city, will conduct his second annual outing and boat ride, September 11. The steamer Madisonville will leave pier A, North River, at 9 A.M. The destination is Bear Mountain; the purpose is to eat, drink and be merry. "Skipper" Dave, who for several years was chairman of the entertainment committee of the New York Paint, Varnish & Lacquer Association, will employ all of his talents to provide an unusual surprise entertainment feature.

F.W.D.A. Hotel Rates

Rates at the Hotel Cleveland, Cleveland, Ohio, headquarters of the convention of the Federal Wholesale Druggists Association, September 21 to 24, range from $3.50 to $6 a day for single rooms; $5 to $8 for double rooms; $6 to $10 for twin-bed rooms; $10 to $20 and up for suites. Conventioners are asked by the association to make their reservations direct with the hotel.

Information and other arrangements in connection with the convention are being handled by Ralph Frerichs, of the Mutual Drug Company, 2020 Euclid avenue, Cleveland, who is local secretary.

The convention will be opened at 9:30 a.m. September 21, with a joint session of the active and the associate members. Turner Currens, chairman of the associate group, will preside.

Matthew J. Brenner has severed his connection with American Mineral Spirit Company, this city, where he was bulk sales representative for eight years, and is now president of New Jersey Solvents Company, Secaucus, N. J., dealers in petroleum solvents, kerosene and fuel oils.

CRYPTONE MS-130
Zinc Sulphide - Magnesium Pigment
introduces the effect of film distensibility, producing plasticization without attendant softness.

New Jersey zinc

STRESSES AND STRAINS
• • • • • In paint films, too

The steel rail withstands tremendous stresses and strains to which it is subjected daily.

Cryptone MS-130, the Zinc Sulphide-Magnesium pigment, provides the paint film with characteristics which relieve internal pressures set up during the weathering process, and a corresponding efficiency and economy are effected in its performance. This is the result of the variety of particle shapes in Cryptone MS-130.

In applying this new principle in paint durability to their modern primers and finish coat paints, paint manufacturers have also taken advantage of the excellent hiding, tint retention, and bulking offered by this pigment.

If you have not tested Cryptone MS-130, use the coupon to obtain a free sample.

The New Jersey Zinc Company

160 FRONT STREET - NEW YORK, N. Y.

Send me a sample of Cryptone MS-130.
(For Paint Manufacturers only)

Name .....

Address .....

Paint, Varnish, Lacquer Materials

White Lead Buying Spurred by Price Rise—General Trade Slow —New York Painters Still on Strike—Turpentine And Rosin Quiet

The market for paint, varnish and lacquer chemicals failed to shake off the lethargic appearances of the Summer season but operators were hopeful that trade would get away to a quick start at the so-called beginning of the Autumn season this week. Locally, however, trade was handicapped by the painters' strike in the metropolitan New York area.

White lead had one of its most active periods in recent weeks. This was occasioned by the price increase in basic carbonate and basic sulphate materials which became effective on Tuesday of last week and which had been announced during the preceding week. The corroders of these materials were taking business for September only and were not accepting any orders for delivery over the fourth quarter of the year.

Natural gums and synthetic resins were lacking in feature last week. The demands of the varnish makers were moderate to fair albeit there was very little interest in anticipating forward needs.

The producer of luminous calcium sulphide, the luminous pigment, has lowered prices. Another development which was reported here last week was that producers of the new copper phthalocyanine blue were now quoting one price for the lake and another for the toner.

Rosin and turpentine were quiet in southern and local markets. There was no improvement in the export inquiry for rosin and purchasing by domestic consumers was generally limited to comparatively small or moderate quantities. Turpentine had a downward trend at times. Changes in quotations were unimportant. Receipts continued liberal.

Sales of paint, varnish, lacquer and fillers in July, as reported to the Bureau of Census by 680 establishments, totaled $36,004,636 against $41,656,085 in June and $35,392,470 in July last year. Total sales for the first seven months of the year were $271,063,169 against $233,163,445 in the same period last year.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Lead, white, blue, ½c. per lb.

Reduced

Calcium, sulphide, luminous, 10c. per lb.
Rosin, pale grades, 10c. per 280 lbs.
Turpentine, 1c. per gal.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.6	**133.4**	**133.4**	**129.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Metallic Lead and Zinc

There was a fair rate of booking in the lead market during the early days of the week, shortly after the producers had opened their books for October business. Thereafter, the market was very quiet and sales were few and far between. The price held steadily at the levels that have been in force for the past few weeks with 6.35c. per pound named at East St. Louis and 6.50c. to 6.55c. per pound at New York. Lead stocks August 1 were 187,654 short tons, a reduction of 2,777 tons from the preceding month. Stocks at the end of July last year were 318,339 tons, according to the American Bureau of Metal Statistics. Receipts of lead in ore and scrap in the domestic market totaled 45,748 tons against 47,645 tons in the preceding month.

New sales of zinc were light but the shipments were heavy. The producers were endeavoring to work off the large number of unfilled orders on their books but the zinc was not coming in fast enough to make much of an impression on the backlog. The price continued firm at 7.25c. per pound, East St. Louis. Zinc production in July was 156,087 short tons against 154,908 tons in June and 139,084 tons in July last year, according to the American Bureau of Metal Statistics.

Lead.—Prevailing spot prices at New York, East St. Louis and London for the period from August 28 to September 3, inclusive, were as follows:—

	Pigs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0650@.0655	$0.0635	.. .. ..
Monday	.0650@.0655	.0635	21 8 9
Tuesday	.0650@.0655	.0635	21 13 9
Wednesday	.0650@.0655	.0635	21 16 3
Thursday	.0650@.0655	.0635	21 8 9
Friday	.0650@.0655	.0635	21 12 6

Zinc.—Prevailing spot prices at New York, East St. Louis and London for the period from August 28 to September 3, inclusive, were as follows:—

	Slabs		
	Per pound		Spot. London. Per ton
	New York.	E. St. Louis.	£ s. d.
Saturday	$0.0760	$0.0725	.. .. ..
Monday	.0760	.0725	23 0 0
Tunesday	.0760	.0725	23 0 0
Wednesday	.0760	.0725	22 16 3
Thursday	.0760	.0725	22 8 9
Friday	.0760	.0725	22 8 9

Pigments

There was a good deal of interest in dry white lead as a result of the price increase that went into effect Tuesday. There was also some growth of interest in the titanium pigments, but lithopone and zinc oxides were slow and producers did not expect much of a change in things until after the Labor Day holiday. The painters' strike in the local area left lead-in-oil at a standstill. Except for the increase in white lead prices, which became effective Tuesday and which was made known during the preceding week, there were no price movements in the market last week.

White Lead.—The ½c. per pound price increase became effective Tuesday as scheduled. The prices for September delivery only were as follows:—Carbonate, 8¼c. per pound in car lots delivered Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash., and Wyo., and 8c. per pound delivered elsewhere; 8½c. per pound in l.c.l. quantities delivered Ariz., etc., and 8¼c. per pound in l.c.l. delivered elsewhere. Sulphate, 7¾c. per pound in car lots delivered Ariz., etc., and 7½c. per pound delivered elsewhere; in less than car lots, 8c. per pound delivered Ariz., etc., and 7¾c. per pound delivered elsewhere. These prices represent an advance of ½c. per pound over the price in effect until the close of business today. Corroders were not accepting business for the fourth quarter of the year.

Red Lead.—The increased buying interest of a week ago was sustained last week but the corroders could not report any additional business. Perhaps things will move faster after the Labor Day holiday. Prices held unchanged and were not influenced by the increase in the price of white lead, which took effect Tuesday.

Litharge—Some of the large buyers have been showing a fair interest in the market but the movement of material was still far away from a point of briskness. The prices continued unchanged.

Lithopone.—The market has not been able to shake off the dullness of the Summer period although the producers in the East were hopeful that the deliveries against contracts would improve after the Labor Day holiday. Local deliveries have been handicapped by the painters' strike here. Prices continued at the levels established at the beginning of the current quarter.

Titanium Pigments.—Prices for titanium dioxide and the compound pigments continued unchanged and firm. The state of trade has not been altered within the past two months al-

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

LAMP CARBON BONE **BLACKS** LAKE VINE OXIDE
C. J. OSBORN CO., 132 Nassau Street, NEW YORK
Established 1889

Lacquer and Varnish Gums
Thurston & Braidich, Importers, 286 Spring Street, New York

SOUTHERN TALC Uniform product Large reserves Prompt shipments The ideal inert diluent for insecticides
Write for prices and samples
SOUTHERN TALC COMPANY Grant Building, ATLANTA, GA.

Shawnee DRY COLORS
"Color Content Guaranteed"
Chrome Greens
Chrome Yellows
Toluidine Reds
Para Reds Iron Blues
Lake Colors
Ultramarine Blue
KENTUCKY COLOR & CHEMICAL CO.
Incorporated
General Office and Works
LOUISVILLE, KENTUCKY
Offices and Agents In Principal Cities
Distillers of Coal Tar Products

"SUCO"
Ultramarine Blues
Alkali Blue Toners
Methyl Violet Toners
Blanc Fixe
•
STANDARD ULTRAMARINE COMPANY
HUNTINGTON, W. VA.

Made to Fit—

Metallic Soaps for Your PRECISE LACQUER NEEDS

● It pays to use Metasap Metallic Soaps formulated to meet your own precise lacquer requirements. You will be assured your lacquer has proper flatting qualities.
Why? Because the Metasap laboratories offer authoritative information on the selection and use of metallic soaps to fit your lacquer.
This laboratory information is available without cost. It will help make your product better — increase your sales. Write today for details. There is no obligation.

METASAP CHEMICAL COMPANY
PALMITATES
STEARATES
of ALUMINUM, CALCIUM, LEAD, ZINC
HARRISON, N. J. BOSTON SAN FRANCISCO CHICAGO CEDARTOWN, GA.

beit some of the larger purchasers have shown interest in car lot business.

Zinc Oxides.—Leaded and lead-free oxides were quite slow last week. All that the sellers were willing to report was that prospects for a revival of activity were indicated for after the Labor Day holiday. Prices continued in a steady position.

COSMIC
Reg. U. S. Pat. Off.
THE STANDARD BONE BLACK PIGMENT
25 GRADES
QUALITY CONTROL from raw bone to finished pigment blacks
HIGHEST STANDARDS OF PERFORMANCE, IN—
Color
Stability
Reactivity
Particle Size
Oil Absorption
Tinting Strength
Manufactured by
The AMERICAN AGRICULTURAL CHEMICAL Co.
Detroit Michigan
PAUL UHLICH & CO., INC.
Sales Agents, New York

Fillers and Extenders

Calmness continued to blanket the market for inert pigments and extenders last week. There was very little business activity reported and most of the producers in the interior, importer, and local jobbers centered their hopes on a revived rate of business activity next week. The lone price change reported for the week was a reduction in the price of luminous calcium sulphide.

Calcium Sulphide.—The producer of the luminous product has reduced prices 10c. per pound to the basis of 75c. per pound in tins, f.o.b. works.

Graphite.—The market held a steady position at the price levels that have been in force for the past several months. The types used in the paint industry were not in very active request from that branch of consumption.

Talc.—The importers and domestic producers have not reported any change in prices since this commodity was last reviewed. Demands have been light. Tire makers' calls for dusting talcs have been small.

Dry Colors

There was a little bit more life in the market for dry colors last week. The market was not brisk but there was a visible improvement over the type of trade during recent weeks and the sellers expected that this trend would continue through this week when the so-called Summer season terminates.

Alkali Blue Toner.—As reported a week ago the demands from the ink manufacturers and other consumers continued light. Prices remained unchanged.

Carbon Black.—According to the word received by some of the manufacturers, the September schedules in the tire industry did not look so promising. Current sales of black were light albeit there has been a good type of business among some of the l.c.l. buyers. Prices remained steady and unchanged.

Copper Phthalocyanin Blue.—There has been widespread interest in the pigment consuming trade for this new blue. The producers were now quoting the lake at $3.30 per pound and the toner at $3.75 per pound, in barrels, f.o.b. works freight allowed.

Iron Oxides.—Some sellers reported a good rate of interest from the buying trade while others reported a light sort of interest from the buyers. There have been no recent changes in price.

Umber.—The price situation continued undisturbed and there have been no new developments in the market since the commodity was last reviewed.

Varnish Gums

Prices for natural gums were immobile for the second successive week. Cable reports from abroad indicated that there was a general feeling of strength in the primary markets and the prices cabled in response to bids were firm in every instance. The offerings out of the Far East were light. The deliveries against contracts were fair-sized last week but there has been very little new business placed during the past several weeks.

Copals.—The East India gums were in a firm position according to the advices from abroad. There was not very much gum being offered. On the other hand the buyers here showed little disposition to cover ahead. There were no price changes reported during the week.

Dammars.—The Batavia and Singapore markets were steady and offerings were not very large. The prices did not contain changes in any of the gradings last week. The trade's interest in covering ahead was light.

Synthetic Resins

Prices for paracoumarone resins continued at the schedule that has been in force for some time. Phenolics were also without shift. The ester gum market continued steady also. The demands of the varnish makers and other lines of outlet were moderate to fair last week.

Naval Stores

A steady tone prevailed much of the time last week in primary and local markets for naval stores although there was no broadening of business, either domestic or foreign. Large clearances of rosin from Savannah were noted but this apparently mainly represented old business. Occasional inquiries were received from South America and Europe but the call from the Far East continued slow and disappointing. There were reports to the effect that a fair volume of domestic business had been closed in turpentine in tankcars, but the daily transactions in barrels in the open markets at primary points were on only a fair scale.

On the other hand offerings at Savannah and Jacksonville were generally light or moderate, this applying to both rosin and turpentine. Weather conditions over much of the South were more favorable for production and marketing operations, rainfall being lighter than in the previous week, and receipts continued liberal. According to some, there is no likelihood of any decreasing of consequence in marketing until late in the Fall as only about one-half of the expected production has been received in primary markets. Meantime consumption is said to be holding up well for this period, despite the quietness of new business in recent weeks, and thereis an impression in some quarters that the requirements of rosin consumers for the season may considerably exceed those of the past season unless prices rise to a level materially higher than that now prevailing.

According to consular advices from Lisbon, activity prevailed in the Portugese naval stores industry during the first five months of the current year. The home market continued good and the export inquiry was active, especially for turpentine, exports of that commodity during the period showing a gain of 29 percent as compared with the same time in the previous season, Italy being the largest buyer. Rosin shipments were 8.952 tons, a decrease from the previous season due to a lessened demand from Germany and the Netherlands.

Turpentine.—Southern and local quotations had a downward trend at times but the undertone of primary centers was generally regarded as steady. Purchasing here was still limited mainly to unimportant quantities, many consumers still being disinclined to provide for future requirements. Weather conditions were favorable for production and marketing and receipts in primary centers continued liberal. On the other hand clearances from Savannah were rather large and stocks there showed a decrease at one time.

SAVANNAH, Sept. 3.—The turpentine

Paint, Varnish, Lacquer, Fillers Sales: July

The value of paint, varnish, lacquer and filler sold in July totaled $36,004,636, according to reports filed with the Bureau of Census by 680 establishments. Details of sales reported by these establishments and comparative data for 1936 follow:—

		Classified sales*				Unclassified sales reported by 100 establishments.
		Trade sales of paint, varnish, and lacquer.	Industrial sales			
1937.	Total sales reported by 680 establishments.		Total.	Paint and varnish.	Lacquer.	
January	$31,288,615	$16,047,179	$12,456,616	$8,906,595	$3,550,021	$2,784,820
February	31,015,653	15,440,210	12,885,413	9,201,543	3,683,870	2,690,030
March	39,498,071	19,398,445	16,601,194	12,036,210	4,564,984	3,498,432
April	46,345,474	25,102,366	16,759,108	12,179,600	4,579,508	4,484,000
May	45,254,635	24,206,972	16,785,249	12,526,801	4,258,448	4,262,414
June	41,656,085	22,348,182	15,343,359	10,843,172	4,500,187	3,964,544
July	36,004,636	18,502,323	14,186,572	9,763,920	4,422,652	3,315,741
Totals, 7 mos. 1936.	$271,063,169	$141,045,677	$105,017,511	$75,457,841	$29,559,670	$24,999,981
January to June	197,770,975	101,675,900	77,139,488	54,246,757	22,892,731	18,955,587
July	35,392,470	18,536,147	14,009,835	10,088,946	3,920,889	2,846,488
Totals, 7 mos.	$233,163,445	$120,212,047	$91,149,323	$64,335,703	$26,813,620	$21,802,075
Totals, year	398,032,770	203,073,252	158,221,017	111,032,702	47,188,315	36,738,501

* Reported by 580 establishments.

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

FILAC ★ ★ FILAC
Clear, solub e nitrate film scrap—a valuable, economical ingredient for industrial lacquers, artificial leather, airplane dopes, pyroxylin cements, wall paper coatings.

FILAC ★ ★ FILAC
Produced in our Burbank plant and packed dry in stout wooden cases ready for shipment by all types of transportation.
HORN, JEFFERYS & CO.
CABLES "GALLEON" BURBANK, CALIFORNIA

FASTOLUX LITHOL TONERS
AVAILABLE IN FOUR SHADES
• EXTRA LIGHT • LIGHT • MEDIUM • DARK •
THAT ARE FASTER TO LIGHT
Ansbacher Siegle Corp.
ANSBACHER
General Offices, Works and Laboratories
ROSEBANK, STATEN ISLAND, NEW YORK, N. Y.
Boston, Chicago, Los Angeles, Cleveland, Detroit, San Francisco, Richmond, Toronto, Canada
TRADE MARK
REG. U.S. PAT. OFF.

market had a steady tone. Following is a record of the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday....	31	211	843	35	35,333
Monday.....	31¼	247	537	165	35,705
Tuesday....	31¾	188	767	2,983	33,489
Wednesday..	30¾	146	496	93	33,892
Thursday ..	31	89	464	140	34,216
Friday	31	182	801	610	34,407

JACKSONVILLE, Sept. 3.—Turpentine was quiet. Price movements were narrow. Following is a record of the market for the week:—

	Cents per gal.	Barrels Sales.	Receipts.	Shipments.	Stocks.
Saturday....	31	91	333	1	28,464
Monday.....	30¾	265	579	...	29,043
Tuesday....	30¾	65	290	...	29,333
Wednesday..	31¼	69	207	...	29,540
Thursday ..	30⅞	53	165	5	34,216
Friday	31¼	63	186	24	29,362

PENSACOLA, Aug. 28.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels Receipts.	Shipments.	Stocks.
Monday	224	160	22,514
Tuesday	158	162	22,510
Wednesday	84	...	22,594
Thursday	76	...	22,670
Friday	96	...	22,766
Saturday	157	...	22,923

CHICAGO, Sept. 3.—Business in turpentine has been fairly good, although nothing to cause much excitement. The tone of the market is reported to be rather dull. Trade, both wholesale and retail, has been suffering from the hot-weather doldrums, it is stated by a good many observers. Most purchases continue to be in small lots, and the buyers want prompt movement of the material to them. Ruling prices at the close of business last night were:—Five-drum lots, 41c. per gallon; five wood barrels, 46c.; single drums, 44c.; single barrels, 49c.

LONDON, Sept. 3.—Quotations on turpentine were as follows:—

	Per cwt. In bbls. s.	d.
Saturday	35	9
Monday	35	9
Tuesday	35	9
Wednesday	35	9
Thursday	35	3
Friday	35	3

Stocks of American turpentine in London were:—

	Sept. 3.	Previous week.	Last year.
Barrels	13,355	14,473	11,796

Rosin.—Quiet conditions continued to prevail here in the absence of anything stimulating in the way of market news from primary centers. Changes in quotations in Southern markets were generally unimportant and the prevailing tone in the South appeared to be steady. The export inquiry was again reported as disappointing. Stocks at Savannah decreased, shipments from that port being larger than the arrivals.

SAVANNAH, Sept. 3.—Changes in rosin quotations were generally within narrow limits. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.80	$7.80	$7.80	$7.80	$7.80	$7.80
D	7.85	7.85	7.85	7.85	7.85	7.85
E	7.85	7.85	7.85	7.85	7.85	7.85
F	8.00	7.90	7.85	7.97½	7.95	8.00
G	8.00	7.90	7.85	7.85	7.95	8.00
H	8.00	7.90	7.90	7.85	7.95	8.00
I	8.00	7.95	7.95	7.90	7.95	8.00
K	8.00	7.95	7.95	7.95	7.95	8.00
M	8.00	7.95	7.95	7.95	7.95	8.00
N	8.00	7.95	8.00	8.00	8.05	8.05
WG	8.00	8.05	8.05	8.10	8.10	8.10
WW	8.75	8.70	8.65	8.65	8.75	8.70
X	8.75	8.70	8.65	8.65	8.75	8.70
	Barrels					
Sales	508	155	481	536	61	241
Receipts...	1,488	1,800	2,609	1,245	1,076	1,482
Shipments.	1,185	1,447	10,789	1,000	940	3,658
Stocks ..	65,195	65,638	57,458	57,703	57,839	55,663

JACKSONVILLE, Sept. 3.—Rosin offerings were moderate and the market had a steady undertone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted— Sat.	Mon.	Tues.	Wed.	Thurs.	Fri.
B	$7.70	$7.70	$7.70	$7.70	$7.70	$7.80
D	7.70	7.70	7.70	7.70	7.70	7.85
E	7.80	7.80	7.80	7.75	7.75	7.85
F	7.80	7.85	7.85	7.85	7.85	8.00
G	7.80	7.85	7.85	7.90	7.95	8.00
H	7.80	7.85	7.87½	7.90	7.95	8.00
I	7.80	7.90	7.87½	7.90	7.95	8.00
K	7.80	7.90	7.87½	7.90	7.95	8.00
M	7.80	7.90	7.90	7.90	7.95	8.00
N	7.85	7.90	7.90	7.90	7.95	8.05
WG	8.00	8.00	7.95	8.00	8.05	8.10
WW	8.50	8.50	8.50	8.60	8.60	8.65
X	8.50	8.50	8.50	8.60	8.60	8.65
	Barrels					
Sales	514	161	427	58	147	96
Receipts...	841	1,451	646	715	511	755
Shipments.	100	41	705	100	2	3,166
Stocks ..	28,159	29,569	29,510	30,125	30,634	30,320

PENSACOLA, Aug. 28.—The rosin market was steady. Following is a record of the market for the week:—

	Barrels Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts..	707	476	284	311	303	542
Shipments	650	82	...	...	916	523
Stocks ..	25,774	26,168	26,452	26,763	26,150	26,169

CHICAGO, Sept. 3.—Hot weather seems to be reacting against the willingness of buyers to participate very actively in the rosin market. Accordingly, trade is found to be quite slow. The indications are that a moderate amount of material is being offered on the market. Buyers in this region are watching trade advices from the South quite closely, with interest fairly good. Ruling prices at the close of business last night were:—B grade, $10.80 per lot of 280 pounds; G grade, $10.85; M grade, $10.95; W. W. grade, $11.65.

LONDON, Sept. 3. — Quotations on American rosin were as follows:—

	Per cwt. in barrels— Common. s.	d.	W.W. s.	d.
Saturday	20	3	22	3
Monday	20	3	22	3
Tuesday	20	3	22	3
Wednesday	20	3	22	3
Thursday	20	3	22	3
Friday	20	3	22	3

Pine Oil.—The market remained in a firm position. New business was less active, but the movement into consuming channels was steady and production was apparently being well absorbed.

Pitch.—Prices here were generally maintained at previous levels in the absence of any material change in primary conditions. Demand from local and outside buyers was fairly active.

Rosin Oil.—Prices were stationary and the tone of the market appeared to be firm. Business lacked snap, but there was a fairly active demand from consumers.

Tar.—A firm tone continued to prevail, selling schedules being held at former levels. There was a steady movement into local and other consuming channels.

Shellac

Prices in the London and Calcutta markets changed very little during the past week. They were down slightly in comparison with those prevailing during the previous trading period but the reduction was too small to affect the quotations prevailing for spot merchandise. Little or no demand for goods in the foreign markets was reported, and the call for spot merchandise was none too active. Locally, competition seemed to be fairly keen most of the time, but fundamentally the market was without much change.

Calcutta, Sept. 3.—Calcutta quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows:—

	Per pound— Sept. 3.	Aug. 27.
September	10¼c.	10¼c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices were as follows:—

	Per pound.
August 27	10¼c
August 28	No cables
August 30	10¼c
August 31	10⅛c
September 1	10⅛c
September 2	10⅛c
September 3	10¼c

London, Sept. 3.—London prices quoted on pure T. N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	September 3— Shillings. Cwt.	Cents. lb.	August 27— Shillings. Cwt.	Cents. lb.
October...	46s	10	46½	10.1
December.	47s	10.2	47½	10.3

Prices in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	October.		December.	
	Per hundredweight—			
August 27.....	46s	6d	47s	6d
August 28.....	No cables			
August 30.....	46s	6d	47s	6d
August 31.....	45s	..	46s	..
September 1.....	45s	..	46s	..
September 2.....	45s	..	46s	..
September 3.....	45s	..	46s	..

Lacquer Materials

Business in the market for lacquer materials continued at an irregular pace during the week just closed. The near approach of the Labor Day holiday, together with adverse seasonal influences being reflected in production activities of certain consuming industries, caused the highly irregular call. Quotations generally were steady to firm. Ethyl acetate was firm. Film scrap was in fair demand. Reports from the automobile industry were leaning toward optimistic sentiments for fourth quarter production, with reports to the effect that little change will be made in 1938 models.

Acetone.—A fair demand continued for this product throughout the week. Prices ruled unchanged.

Butyl Acetate. — There was little to report in this market. Routine consumers were ordering out supplies at a fair pace and prices ruled unchanged.

Butyl Alcohol. — This market continued to display a firm tone throughout the week, although shipments were along conservative lines. Quotations

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

ORGANIC AND INORGANIC
PIGMENT
COLORS
IMPERIAL
PAPER AND COLOR CORPORATION
PIGMENT COLOR DIVISION
GLENS FALLS, NEW YORK
Branch Offices and Warehouse Stocks:
PHILADELPHIA—BALTIMORE—CINCINNATI—ST. LOUIS
NEW YORK — DETROIT — DALLAS — SAN FRANCISCO
PITTSBURGH — CHICAGO — LOUISVILLE — TORONTO
BOSTON — LOS ANGELES — SEATTLE — CLEVELAND
THE LARGEST MANUFACTURERS OF CHEMICAL PIGMENT COLORS IN AMERICA

PLYMOUTH STEARATES
ALUMINUM - ZINC - CALCIUM
Established Qualities Manufactured for twenty years by
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

GOOD PAINTERS' CAPS are an asset to your business
By supplying your trade with good caps you emphasize your service with added good will.
Let us show you samples and quote on your next order.
Orders accepted for prompt or deferred shipment.
The Minnesota Specialty Co., Inc., 129 North 4th Street MINNEAPOLIS, MINN.
Manufacturers Painters' Caps and other cloth specialties

Headquarters for ROSIN OIL
WRITE FOR OUR "PINE TREE PRODUCTS" BOOKLET
NATIONAL ROSIN OIL AND SIZE COMPANY
R. K. O. Building, Rockefeller Center, New York, N. Y.
Offices: 3001 West 47th Street, Chicago, Ill. *Factory:* Savannah, Ga.

MINERS REFINERS IMPORTERS
CLAYS INDUSTRIAL
AIRFLOATED CLAYS
Our facilities enable us to furnish practically all types of clay in the "bone dry" Airfloated form. Just what kind of clay would you care to have Airfloated?
Testing Samples Gladly Sent
United Clay Mines Corporation
Trenton *Dept. O* New Jersey

THE BRADLEY STENCIL MACHINE

MACHINES TO CUT ½ in., ¾ in., 1¼ in., 1½ in. LETTERS
CUTS PAPER SHIPPING STENCILS
A. J. Bradley Mfg. Co.
101 Beekman Street New York

No. 10 PASTE FILLER

For filling any materials in paste form. Particularly adapted for White Lead.
Write for Quotation
ARTHUR COLTON CO.
2624 E. Jefferson Avenue
DETROIT MICHIGAN

were in conformity with the schedule in effect previously.

Dibutyl Phthalate.—This market enjoyed a fair demand at times during the week. No change was disclosed in quotations.

Ethyl Acetate.—Shipments were along moderate lines during the period under review. Prices retained a steady to firm tone.

Film Scrap.—A fair demand was noted for this product during the week. Quotations held unchanged.

Driers

Although prices for stearic acid were lowered late in the preceding week, there was no change in the position of the stearates. And, manufacturers of stearate products indicated that there would not likely be any change through the remainder of the quarter. Prices for fourth quarter contracts will probably be made known within the next three weeks and whether or not there will be any change in prices at that time could not be determined last week.

Glues and Binders

Casein.—There has been no change in the domestic price situation for the past several weeks. Prices vary according to the source of supply. In the West, car lots were still offering around 12¾c. per pound for 20-30 mesh; in the East the market was around 13c. to 13¾c. per pound. The usual differential of ½c. per pound for fine ground was quoted by some sellers while other sellers did not ask for the extra charge. There was very little buying going on at this time so that the prices named were hardly more than nominal figures.

Glues.—The hide glue market was still spotted by some competitive price selling. However, the price shading has been lessened from its scope of a few weeks ago. Buyers were not active in the market.

Chicago P.V.L.A. Committee Chairmen Named by Solinsky

R. S. Solinsky, president of the Chicago Paint, Varnish, and Lacquer Association, reports appointment of the following committee chairmen:—Credit and collection, H. G. Sampson; legislative, E. L. England; membership, Fred A. Jensen; program, H. A. Swales; reception, H. E. Schreiber; resolutions, W. W. Sime; industrial sales, E. T. Stille; trade sales, H. A. Rowland; traffic, Edward A. Leveille; constitution and by-laws, Milton K. Pine; trade promotion, J. H. Lawson; publicity, R. F. Adams, and production, F. C. Wright.

Warner Gets Injunction Against Name 'Agar-Oil'

A decree granting a permanent injunction has been entered in the United States District Court, Southern District of New York, in favor of William R. Warner & Co., makers of "Agarol," who had previously obtained a preliminary injunction restraining the Laxseed Company from marketing one of its products under the name "Agar-Oil." In his memorandum opinion, Judge Robert P. Patterson stated:—

I am of opinion that "Agarol" on a medicinal product containing agar-agar, mineral oil and phenolphthalein is suggestive rather than purely descriptive of the ingredients and hence is a valid trade mark. In any event the plaintiff gave convincing and uncontradicted proof that the word over the years had come to mean their product and no other and had thus acquired a "secondary meaning." The name "Agar-Oil" is deceptively similar and the use of that name by the defendant for a like product works a wrong on the plaintiff. The defendant preferred to call its product "Agar-Oil" rather than "Agar and Oil" merely because the former more nearly resembled "Agarol." The evidence of what happened in Philadelphia and in Long Island City proves that one of the defendant's salesmen was advising druggists that the name was so close to "Agarol" that the article could easily be worked off on customers asking for "Agarol." The defendant disputed that evidence, but I am satisfied that the conversations were substantially as taken down and transcribed. The unfair competition is too obvious to require discussion. There is no merit in the argument that the plaintiff is barred by laches.

Patterson Foundry Host To Cleveland Paint Club

The Patterson Foundry & Machine Company, East Liverpool, O., entertained a delegation of approximately thirty members of the Cleveland Paint and Varnish Production CIub, August 21, on an inspection trip through the company works and social diversions later in the day.

R. L. Cawood, president of the company; E. M. Underwood, vice-president of sales, and H. M. Brown, sales representative for the Cleveland territory, greeted the visitors at noon. After luncheon the party was conducted through the various Patterson plants—foundry, fabricating, machining and assembly division, laboratory and refractories division, where procelain lining blocks and grinding balls are made. As the object of the visit was to inspect modern paint manufacturing machinery both under construction and in the completed state, considerable attention was given to lined and unlined ball and pebble mills, in which all types of paints are ground, and various types of process kettles used in the preparation of synthetic resins for varnishes. The group also was interested in the laboratory where a great variety of equipment is kept for extensive tests in the paint industry as well as other industries with similar problems. Each new idea under development in the laboratory was carefully analyzed by the visitors.

After the inspection trip, the party retired to Mr. Cawood's lodge for games, dinner and an evening of entertainment.

Ralli Brothers, Ltd., Sets Up New York Selling Company

Ralli Brothers, Ltd., shellac merchant, London, has created a business to be known as Ralli Brothers (New York), Inc., with offices at 11 William street, this city, for the purpose of selling the merchandise offered by the London company. Effective September 1, the new company succeeded Argenti & Co. as the exclusive representative of the London company in the sale of shellac, jute, bagging, and other products of India.

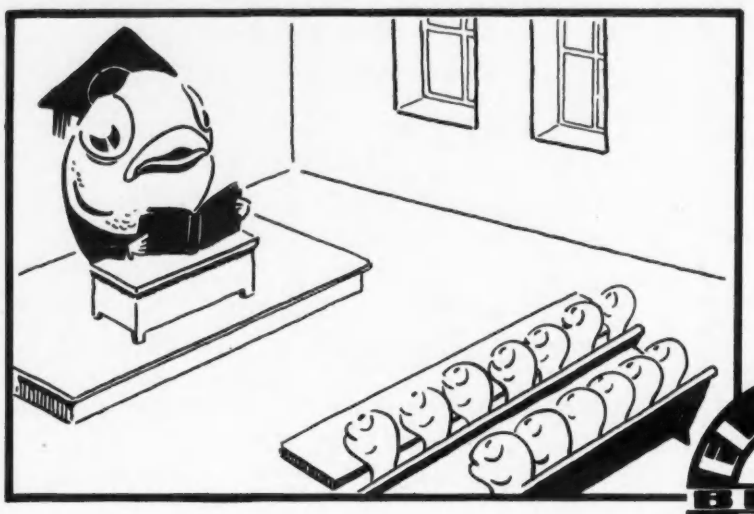
The new arrangement for representation is really a reversion to the London company's previous sales setup in this country. Ralli Brothers, Ltd., London, maintained its own United States branch, Ralli Brothers, Inc., with offices in this city, up to July, 1931, when it appointed Argenti & Co. as its sole representative. The Argenti organization was established by John P. Argenti, who had been manager of the New York branch, and Pandia A. Ralli, its market man. It is this company which has been succeeded by the new company known as Ralli Brothers (New York), Inc.

John T. Galatti, well known wherever shellac is sold, is president of the new company, and Pandia A. Ralli is vice-president. John R. Anderson, who, through his company known as John R. Anderson & Co., had had exclusive sale of shellac imported prior to 1931 by Ralli Brothers, Inc., joined the Argenti company in that year. Mr. Anderson is a member of the sales organization of the new company.

N.Y. Production Club to Meet

The New York Paint & Varnish Production Club will hold its first meeting of the Fall season, September 9, at the Building Trades Employers' Association, 2 Park avenue, this city. Dinner at 6:30 o'clock will precede the meeting. V. C. Bidlack, president of the Federation of Paint & Varnish Production Club, will speak. Frank Stearns, of the Keystone Varnish Company, the club's member of the cost accounting committee of the Federation, will conduct an open forum on production costs. A talking film, "Flying the Lindberg Trail," will be shown by Pan-American Airways.

Elastoil Fish Scale Sketches



ELASTOIL BRAND PRODUCTS

From Night School to Refinery - - - in 12 Hours

SARDINE OIL
MENHADEN OIL
PERILLA OIL
SOYA BEAN OIL
WALNUT OIL
CHINA WOOD OIL
OITICICA OIL
RAPESEED OIL
SPERM OIL
WHALE OIL
NEATSFOOT OIL

At night the boats locate a school of sardines, catch them in purse nets several tons to the haul and steam for the refinery. Sardines for Elastoils are in the expellers within twelve hours after they leave the water. Such absolute freshness at the start is one reason Elastoil Brand Sardine Oil can readily be processed to give superior results in paints, varnishes, inks, and similar products.

Elastoil products through twenty years of constant development have practically eliminated the word "fish" in connection with these highly developed oils. Years of study and development at our Philadelphia and Los Angeles refineries have introduced new uses for Elastoils in finishes where fish oil was formerly "taboo". Their freedom from fishy odor and their excellent durability have made them highly desirable oils.

Our Technical Service Department will be glad to help you select an Elastoil Product that is practically "tailor made" to your need. May we hear from you?

REFINERS AND PROCESSORS

Murray Oil Products Company
Office and Plant—Margaret and Pearce Streets, Philadelphia, Pa.

Industrial Oil Products Company
Office and Plant—5641-47 South Riverside Drive, Los Angeles, Cal.

Oils, Fats and Waxes

Linseed Oil Reduced by Crushers—Moderate Changes in Cottonseed Oil Futures—Refined Fish Oil Lower—Chinawood Nominal —Perilla Still Rising—Business Continues Quiet

Aside from Oriental products, which were still under the influence of the Chino-Japanese situation, the market for miscellaneous oils, fats and greases still had a weak tone, further declines being recorded in various commodities. Estimates of the cotton crop pointed to a further increase in prospective supplies of cottonseed during the past month, and the markets for cottonseed oil and lard futures continued to display weakness at times, although price movements were within narrower limits than in recent preceding weeks. Consumers of other oils and fats, therefore, were still disposed in many cases to adhere to a very conservative course in making purchases.

Chinawood oil remained strong, higher prices being quoted for the small supplies available among resellers. Futures were nominal in the absence of offerings from China. Perilla and oiticica oils were stronger. Coconut oil was easy though quotations underwent little change. Babassu palm, olive and corn oils were shaded. Cash lard was quiet and the trend of quotations was downward at times in company with futures though changes from day to day were within comparatively moderate limits. Marketing of hogs continued light. Lard, neatsfoot and tallow oils were reduced by producers owing to lessened cost of basic material. Stearic acid and red oil were steady at the recent decline. Fish oil quotations were reduced again by refiners. Tallow and grease continued easy.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Chinawood oil, 1c. per lb.
Linseed meal, 50c. per ton.
Oiticica oil, ½c. per lb.
Perilla oil, ¾c. per lb.

Reduced

Babassu oil, ¼c. per lb.
Beeswax, crude, African, ½c. per lb.
Brazil, 3c. per lb.
Candelilla wax, ½c. per lb.
Carnauba wax, No. 3 chalky, ¾c. per lb.
No. 2 North Country, 1¼c. per lb.
No. 3 North Country, ¼c. per lb.
No. 1 yellow, ¾c. per lb.
refined, ⅞c. per lb.
Coconut oil, crude, ½c. per lb.
Copra, ⅛c. per lb.
Corn oil, ¼c. per lb.
Cottonseed oil, crude, ¼c. per lb.
Cottonseed oil, edible, ¼c. per lb.
Grease, ½c. to ¼c. per lb.
Lard, 10c. to 20c. per 100 lbs.
Lard oil, ¼c. to ½c. per lb.
Linseed oil, 2-10c. per lb.
Menhaden oil, refined, 2-10c. per lb.
Neatsfoot oil, ¼c. to ½c. per lb.
Olive oil, denatured, 5c. per gal.
Olive oil foots, ¼c. per lb.
Palm oil, ½c. to ⅝c. per lb.
Sardine oil, crude, 1½c. per gal.
Sardine oil, refined, 2-10c. per lb.
Tallow oil, ¾c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
132.1	132.6	134.6	136.4

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market remained easy in company with other oils and fats, quotations being shaded ¼c. per pound. The inquiry continued light.

Chinawood.—Nominal conditions continued to prevail. With hostilities spreading in China, shippers in that country were not in a position to offer, and such transactions as were noted here were limited to spot oil which appeared to be mainly under the control of second hands whose holdings were said to be light. Reports were current of occasional transactions at from 18c. to 19c. per pound, with up to 20c. quoted. As already intimated, however, quotations were strictly nominal.

Coconut.—Crude remained easy in the absence of any improvement in demand, activity apparently being confined to deliveries on unfilled contracts. For November forward, local interests quoted 4¼c. per pound in tankcars. Edible oil quotations were maintained at previous levels, the tone of the market being steady. There was a fair inquiry.

Corn.—With various other oils and fats weak, the tone of the market for corn oil remained easy, quotations being shaded ¼c. per pound, although the figures appeared to be more or less nominal as offerings remained light. There was a fair demand.

Cottonseed. — Edible oil was easier, quotations being reduced ⅛c. per pound by local refiners. Consumers were not inclined to anticipate to any extent but there were reports of a somewhat better demand. Imported oil was nominal, offerings being small.

Oiticica. — The market continued to strengthen, this being a reflection of developments in the chinawood oil situation abroad and here. There was a fair demand. Offerings were light on spot and for shipment and quotations were mainly nominal.

Palm.—The downward tendency of tallow and other fats gave the market an easier tone, quotations being shaded ⅛c. to ¼c. per pound. Offerings were reported as light in all positions. There was a fair inquiry.

Peanut.—The tone of southern markets for crude oil was reported as easy as a result of the weakness in cottonseed oil recently. Reports concerning the peanut crop were favorable. Offerings were reported as light in all sections, with quotations mainly nominal.

Perilla. — Far Eastern developments gave the market a firmer tone, especially as stocks here continued to diminish, some dealers apparently not being in a position to offer for prompt delivery. There was a better inquiry and business was reported to have been closed at 13c. per pound in tankcars.

Rapeseed. — Demand was light but there was no increase in offerings from abroad. Spot stocks appeared to be small and the market remained steady at previous quotations.

Soybean. — Selling schedules were maintained at previous levels by producers but the tone of the market appeared to be easy owing to the downward drift of other commodities. There were reports of a fair demand.

Teaseed.—Quotations were stationary and the tone of the market on spot appeared to be steady. There was a fair inquiry. No offerings from abroad were reported.

Markets at Other Centers

San Francisco, Sept. 1.—Excepting in chinawood oil, interest in this vegetable oil market lagged last week and the tone was barely steady.

Ruling prices are:—

COCONUT.—The market is steady. Quoted for future positions at 4c. per pound in tankcars, f.o.b. Pacific Coast ports and/or mills. Nearby and prompt shipment oil from the Pacific Coast is quoted 4⅛c.

COPRA.—With a fairly steady turnover of copra in this market last week the price structure remained about unchanged and a moderately good undertone prevailed. Buyers last week were taking on supplies on the basis of 2.50c. per pound, c.i.f. Pacific Coast ports, and arrivals both to the Pacific Coast and at foreign shipping ports for export were very good. There is a good crushing turnover in the local mills, the oil being shipped out on previously made contracts.

CHINAWOOD.—The market has settled down to a resale proposition, with some business going on this basis at 18½c. per pound in tankcars, f.o.b. Pacific Coast. New supplies from the Orient are impossible to arrange, owing to the war situation. The resale market is strong.

COTTONSEED.—Foreign supplies are in a nominal position, with Japanese and Chinese stocks off the market, owing to the Far Eastern upheaval.

PERILLA.—Stronger. Prompt shipment crude perilla oil is quoted on the basis of 12¾c. per pound in tankcars, f.o.b. Pacific Coast ports, duty paid.

SESAME SEED.—Crude sesame seed oil is quoted in a strictly nominal position at 8¼c. per pound in tankcars, 8¾c. per pound in drums, f.o.b. Pacific Coast mills. Most sources are unable to offer.

TEASEED.—Nominal. Quoted at 9c. per pound in tankcars, f.o.b. Pacific Coast ports, September-October.

Chicago, Sept. 3.—Trade has been slow and prices irregular in representative grades of vegetable oils here recently. There is no great amount of interest on the part of buyers. Inquiry is not at a very active stage. Recent trade in coconut has been at a little more brisk pace than at one time, and fractional improvement is reported here and there.

CORN.—Crude, low acid, 7½c. to 7¾c. per pound, mills, partly nominal. Refined, edible oil, 11c. to 11¼c per pound, car lots; and 11¾c to 12c, drums, less than car lots

CHINAWOOD.—Ruling, on a nominal basis, spot, drums, 18c. to 18½c. per pound; deferred, around 18c.

PEANUT.—Crude, 6⅝c. to 6¾c. per pound, Southeast.

Chicago, Sept. 3.—No trading in spot soybeans for the week ended September 1.

Linseed Oil

Flaxseed futures were irregular. Trading more active. Linseed oil reduced; meal advanced.

Flaxseed—DULUTH, Sept. 3.—Receipts of flaxseed improve as the season advances, but the Minneapolis market is attracting most of the seed and more active conditions exist there. The growing need for Argentine and Uruguayan seed makes it an important factor in local consideration, especially as the outlook is for a much larger demand next year.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.94¼	$1.92¼	$1.92
Monday	1.94½	1.92½	1.92
Tuesday	1.96	1.94	1.92½
Wednesday	1.96½	1.94½	1.93½
Thursday	2.02	1.96½	1.95
Friday	2.06½	1.97½	1.97

Crop movement in bushels follows:—

	Receipts— 1937.	1936.	Shipments— 1937.	1936.
This week..	8,156	127,698	14	177,352
Since Aug. 1....	43,657	384,045	106,311	265,257

MINNEAPOLIS, Sept. 3.—Demand for flaxseed was good all through the week and premiums have been strong. Following the weekend movement, which was quite liberal, there was a reaction in the interior deliveries and crushers became more aggressive in the spot market.

STEARIC ACID
Single Pressed and Double Pressed
Now available in either cake or flake form
Triple Pressed
IVORY BRAND

RED OIL
(OLEIC ACID)
RUBY OLEINE BRAND *{distilled}*
STAR BRAND
{saponified}
CANARY BRAND
{very pale yellow, especially suitable for best types of dry cleaners' soaps.}

PROCTER & GAMBLE
MAIN OFFICES
Gwynne Bldg., Cincinnati, Ohio
205 E. 42nd St., New York City
Branches and stocks in all large cities

CRESYLIC ACID
English A.D.F. Specification
JAPAN WAX
FATTY ACIDS
All Kinds
CARNAUBA WAX
T. G. COOPER & CO., Inc., 47-49 N. Second St., Philadelphia, Pa.

A. GROSS & CO.
We Specialize in WHITE OLEINE
Since 1837 Manufacturers of Saponified and Distilled
FLAKE STEARIC ACID STEARIC ACID RED OIL
FATTY ACID GLYCERINE
STEARIC and BEESWAX CANDLES CHURCH ACCESSORIES
Sales Office: 122 East 42nd Street New York
Factories: Newark, N. J., and Baltimore, Md.

OXIDEX
OXIDEX — A HIGHLY EFFECTIVE ANTI-OXIDANT FOR USE IN TECHNICAL WORK. ASSURES COMPLETE PRESERVATION OF ANIMAL AND VEGETABLE OILS AND FATS. FULLY SOLUBLE IN ALL PROPORTIONS.
FRITZSCHE Brothers, inc.
816 WEST 8TH STREET LOS ANGELES, CAL.
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

Stearic Acid
for all purposes
RED OIL • • • GLYCERINE • • • CANDLES
THE M. WERK CO., CINCINNATI, OHIO, U. S. A.
Established 1832
New York Sales Office • 15 Moore St., • New York City
Chicago Sales Office • 4103 So. La Salle St., • Chicago, Ill.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Movement of North Dakota seed got under way last week, but to date has been moderate. Quality of flax produced in that state is fairly good. Most of the receipts so far originated in the central part of the Red River Valley.

Minnesota seed still holds up in quality and is in good demand. Prices gained about 1c. on futures and in cases 2c. In fact, most of the offers sold near the top of the range.

Crushers are accumulating somewhat of a reserve supply now but the movement as yet fails to show desired volume. On the other hand the flax is of much better quality than it was last season so the inflow does not have to be as great in order to get oil yield. With the North Dakota movement accelerating the outlook becomes more encouraging and crushing operations will probably show a fair increase in the near future.

Spot No. 1 seed is quoted at 2c. to 6c. over September. Today Duluth was more aggressive at diversion points and some choice seed was reported as sold at 7c. over but this was not confirmed.

The week's closing price range was as follows:—

	Cash.	Sept.	Dec.
Saturday	$1.96¼	$1.91½	$1.93¾
Monday	1.96¼	1.91¼	1.94
Tuesday	1.99	1.93	1.95½
Wednesday	2.01	1.94	1.96½
Thursday	2.02½	1.95½	1.98
Friday	2.04½	1.97½	2.00

Crop movement in bushels as follows:—

	Receipts—		Shipments—	
	1937.	1936.	1937.	1936.
This week..	420,770	39,000	13,140	42,560

WINNIPEG, Sept. 3.—Trading in flaxseed futures was quiet. Cash demand was also light. The week's closing range was as follows:—

	Cash.	Oct.	Dec.
Saturday	$1.71⅞	$1.73½	$1.73¼
Monday	1.71⅞	1.73½	1.73
Tuesday	1.74¼	1.76	1.75½
Wednesday	1.75½	1.76⅝	1.76¾
Thursday	1.76½	1.77⅝	1.77½
Friday	1.76¼	1.77⅛	1.77½

BUENOS AIRES, Sept. 3.—Opening prices per bushel on September contracts were:—

	Last week.	Last year.
Saturday	$1.32⅝	$1.25⅞
Monday	*	1.25⅝
Tuesday	1.32⅝	1.25⅝
Wednesday	1.32½	1.26⅛
Thursday	1.34¼	1.26⅝
Friday	1.34¼	1.27⅝

* Holiday.

Exports

To—	Last week.	Previous week.	Last year.
	Bushels		
United States	39,000	276,000	563,000
United Kingdom	.....	4,000	.....
Continent	122,000	248,000	217,000
Orders	260,000	390,000	83,000
Others	292,000	28,000	12,000
Totals	713,000	946,000	875,000

Since January 1

To—	This year.	Last year.
	Bushels	
United States	19,381,000	8,165,000
United Kingdom	496,000	811,000
Continent	15,740,000	20,090,000
Orders	14,120,000	9,211,000
Others	4,313,000	2,089,000
Totals	54,050,000	40,366,000

Visible Supply

	Bushels.
Last week	4,724,000
Previous week	5,515,000
Last year	5,512,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Last week.	Previous week.	Last year.
	Bushels		
United Kingdom	640,000	156,000	612,000
Continent	44,000	.....	.....
Others	8,000	8,000	.....
Totals	692,000	164,000	612,000

Since April 1—	This year.	Last year.
	Bushels	
United Kingdom	4,068,000	5,476,000
Continent	216,000	728,000
Others	332,000	60,000
Totals	4,616,000	6,264,000

HULL, Sept. 3.—Quotations on flaxseed were:—

	La Plata.	Bombay.
	Per ton	
Saturday	£13⅛	£15⅝
Monday	13⅛	15⅝
Tuesday	13⅛	15⅝
Wednesday	13⅛	15⅝
Thursday	13	15½
Friday	13	15½

Linseed Oil. — An easier tone developed, quotations being reduced 2 points by crushers to 10.2c. per lb. in tank cars, with the usual differential prevailing for oil in cooperage. The reduction in prices was attributed by some to the absence of any improvement in business and the downward trend of prices for various other oils.

There was a fair movement of oil into consuming channels on unfilled contracts and in the opinion of some the indications still pointed to an increase in consumption in the paint, linoleum and other industries for the season as compared with the previous year. Stocks at the mills continued to be reported as light.

Reports concerning the yield of flaxseed in the northwest were somewhat more favorable, both as to the quantity and the quality of the crop, and there was a tendency in some instances to increase estimates of the yield in the largest producing states. The monthly government report on the crop is due late this week.

Trading in flaxseed futures in domestic markets was more active, prices being irregular. Country selling on hedges for account of the country was on a larger scale while crushers and cash interests were the buyers. Further beneficial rains were reported in Argentina. Receipts of flaxseed at New York last week were 97,353 bushels.

Trading in linseed oil futures on the New York Produce Exchange was inaugurated September 1. Initial transactions amounted to two contracts of 60,000 pounds each at 10c. per lb., one for November delivery and the other for December.

Trading in linseed oil futures on the New York Produce Exchange from September 1 to September 3, inclusive, comprised 2 contracts, a total of 120,000 pounds. Following is a price record for the week:—

	High.	Low.	Close.
	Cents per pound in tanks		
November	10.00	10.00	9.85@10.05
December	10.00	10.00	9.85@10.00

MINNEAPOLIS, Sept. 3.—Small lot business in linseed oil is moderate to light, but shows steadier volume than usual. Apparently the buyers failed to accumulate any reserves and are forced in from day to day.

Larger buyers are inclined to be more hopeful of the Argentine outlook because of recent rainfall in that country. Cables today indicated fairly good precipitation in Buenos Aires province but little elsewhere. At any rate, after buying considerable oil last week the larger consumers are waiting for developments.

Shipping instructions on maturing contracts are good and mills are accelerating operations gradually. Perhaps 30 percent of the presses are moving at the present time with more ready to start any time.

Quotations on carload lots f.o.b. Minneapolis, cooperage, 10.8c. per pound, tankcar lots 10.8c. per pound, warehouse lots 11.2c. per pound.

Shipments of oil in pounds were as follows:—

	1937.	1936.
This week	2,070,316	1,971,323

SAN FRANCISCO, Sept. 1.—Sellers of linseed oil here dropped their posted levels by two points yesterday after a week of practical idleness insofar as new business was concerned. Activity has slowed up appreciably, the trade not showing any interest towards either filling in or taking on new quantities of oil for future delivery. Several manufacturing consumers are known to be rather lightly covered and some new business should develop soon. Quoted:—Tankcars, 10.4c. per pound; drum car lots ex mill, 11c.; drum lots ex warehouse, 11.4c.

CHICAGO, Sept. 3.—Buying of linseed oil is in irregular and varying sized lots for the most part, with small orders accounting for most of the business. Ruling prices are:—Tankcar, 10.4c. per pound; car lots, 11c.; warehouse deliveries, 11.4c.

LONDON, Sept. 3.—Quotations on linseed oil were:—

	s.	d.
	Per cwt.	
Saturday	29	0
Monday	29	0
Tuesday	29	1½
Wednesday	28	9
Thursday	28	7½
Friday	28	7½

Cake and Meal.—Meal was firmer, spot quotations being advanced 50c. per ton. Cake was steady at previous quotations. There was a fair export inquiry for cake though transactions were apparently limited to comparatively small lots. Domestic trade in meal was quiet.

MINNEAPOLIS, Sept. 3.—Demand for meal slackened this week after good trade during a two week period. Buyers contracted for a fairly large supply to be shipped between now and the turn of the year and are not adding to their commitments temporarily. Quotations on carload lots, f.o.b. Minneapolis, $29.50 to $30 per ton.

Shipments of meal in pounds were as follows:—

	1937.	1936.
This week	4,648,985	2,230,854

CHICAGO, Sept. 3.—Linseed meal has been rather quiet here and has shown some signs of price stabilization, after a period of recessions in values. Ruling prices are:—Round lots, $32 per ton, largely nominal; car lots, $32 to $32.50; less than car lots, $34 to $34.50.

Cottonseed Oil

Southern and local markets for cottonseed products had an easy tone. Cotton crop news mainly favorable.

Cottonseed Oil.—Trading in refined oil futures was on a smaller scale last week, not a few local and other interests being disposed after the recent heavy liquidation and decline in prices to curtail operations and await further developments, especially as to the progress of the cotton crop, which has now reached what is regarded by many as the most critical stage of the season. Reports from the Southwest last week were more favorable as a result of recent generous rains following a rather prolonged spell of hot, dry weather. Further rains were reported in the eastern belt, however, where the precipitation has been excessive for some time past.

A report published by a local business newspaper estimated the crop at 16,457,000 bales, which compared with an estimate from the same source a month earlier of 15,721,000 bales. Some private reports were to the effect that crop ideas in parts of the South were being revised downward. In such circumstances traders were disposd to hold off for the monthly government report which is due this week. Uncertainty as to government loans to cotton farmers also had a tendency to curtail operations in cottonseed oil.

Changes in quotations were within narrower limits than recently, but there was sufficient liquidation and bearish pressure to carry prices downward at one time to a new low level for the season, the decline being checked by covering of shorts and more or less new buying on the belief that the market was entitled to at least a temporary upturn on general principles after the recent sharp fall. Unfavorable reports were received from some points concerning the quality of the seed, excessive rains having lowered the grade. A report from Memphis stated that continuous rains were damaging cotton in the fields and delaying the movement of seed to the mills; also that seed arriving at the mills was in very unsatisfactory condition, testing 15 to 22 percent moisture and analyzing only about 270 pounds of oil.

Cotton futures declined to a new low point for the season under general selling attributed to the announcement from Washington that the government will lend to producers of the 1937 cotton crop from 7¾c. to 9c. per pound according to grade, the maximum loan applying to tenderable cotton grading middling or better and of ⅞ inch or longer staple, and the minimum rate to a grade below middling. These figures were lower than had been expected. Only growers who agree to cooperate with the government in the 1938 cotton control program will be eligible for loans which will bear interest at the rate of 4 percent and will mature on July 1, 1938.

Crude cottonseed oil was easier, sales being reported at from 6¼c. to 6½c. per pound. Products which compete with cottonseed oil were generally easy or lower, declines being reported in various vegetable, animal and fish oils

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

CHLOROPHYLL
BETA CAROTENE XANTHOPHYLL
ALL GRADES AVAILABLE
AMERICAN CHLOROPHYLL, Inc., 570 Lexington Ave., New York - Alexandria, Va.

HEADQUARTERS FOR
DEGRAS
COMMON • NEUTRAL
FATTY ACIDS
LANOLIN
ANHYDROUS & HYDROUS, U.S.P.
TECHNICAL • ABSORPTION
BASE
N. I. MALMSTROM & CO. 147 LOMBARDY ST. BROOKLYN, N. Y.

THE BRODÉ CORPORATION, MEMPHIS TENNESSEE
COTTON SEED MEAL, CAKE, HULLS, HULL BRAN, CRUDE AND REFINED COTTON SEED OIL, PEANUT AND SOYA BEAN PRODUCTS
Codes: Yopps, Robinsons, Bentleys, A. B. C. 5th Edition

ASK WECOLINE *before You Buy*
WHITE DISTILLED
FATTY ACIDS
• COCONUT • CORN
• SOY BEAN • LINSEED
• WHITE OLEIN • LAURIC
• SPECIALTY FATTY ACIDS
Factory: Boonton, N. J.
Sales Offices -- New York City and Chicago
WECOLINE PRODUCTS INC.

OILS
CHINA WOOD OIL
PERILLA OIL
SARDINE OIL
VARNISH GUMS
SPOT FUTURE
L.N. JACKSON & CO. Inc.
29 BROADWAY NEW YORK, N.Y.

FALKOVAR 400
Every month shows greater use of Falkovar YY, where a high quality, low-cost oil is required. However, to meet the demand for those products where Falkovar YY is too dark in color, our new FALKOVAR 400 was developed for use in light tints.
The paint manufacturer needs only pigment, thinner and drier, to make hard, abrasion resistant maintenance paints with toughness and durability. Production costs are surprisingly low.
Samples and descriptive literature sent upon request
FALK QUALITY SINCE 1890 PRODUCTS
FALK & COMPANY
PITTSBURGH, PA.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

and fats. There were reports of some improvement in the domestic demand for lard but the export inquiry continued slow. Stocks of lard in Chicago on September 1 were 86,207,058 pounds against 105,468,943 pounds a month earlier and 65,345,143 pounds a year ago. Receipts of hogs continued light, arrivals in the principal western centers for four days of the week aggregating 136,600 head against 175,800 head in the same time last year. The average weight of the hogs received in Chicago during the week ended August 28 was 269 pounds against 276 in the previous week and 282 pounds in the week before that.

According to the weekly government report the cotton crop in Texas responded to the improved soil moisture and now averages from fair to good rather generally; picking and ginning are progressing rapidly. In Oklahoma the condition is good in the East, but poor to only fair elsewhere with considerable beyond recovery in the south central and western counties. In Arkansas progress is good to excellent except in some wet southern sections and dry hill districts. Also satisfactory advance is reported from Tennessee and northern portions of Mississippi and Alabama. In all other sectons of the belt cloudy weather and frequent rains were unfavorable with complaints of increased weevil activity, sappy plants and weedy fields in many places, with more or less boll rot and local sprouting.

Trading in bleachable prime summer yellow cottonseed oil futures on the New York Produce Exchange from August 28 to September 3, inclusive, comprised 654 contracts, a total of 39,240,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
January	7.68	7.49	7.69@7.71
March	7.77	7.56	7.76@7.77
September	7.75	7.53	7.71@7.76
October	7.68	7.47	7.66 sale
December	7.69	7.47	7.68 sale

Crude, Southeast, 6.50c. nom.

Chicago, Sept. 3.—Attention of the trade in cottonseed oil seems to be fixed largely on the advices coming out of the South with reference to statistical conditions. Buying of the material in the trade here has been fair. Inquiry is rather limited. Good, off-Summer, yellow fig oil is 8⅛c. to 8⅜c. per pound. Refined, edible oil is quoted at 10½c. to 11c. per pound, barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

Hull, Sept. 3.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	28	6	25	6
Monday	28	6	25	6
Tuesday	28	6	25	6
Wednesday	28	6	25	6
Thursday	27	6	24	6
Friday	27	6	24	6

Cake and Meal.—The tone of southern markets was reported as fairly steady, price movements being narrow. Although the movement of seed to the mills was on the increase in some sections, marketing was lighter than had been expected for this period at other points. There were reports of some increase in the inquiry.

Markets at Other Centers

Atlanta, Sept. 1.—Cottonseed products continue weak with the harvesting of the new crop of seed. Seed prices remain unchanged while oil and meal are showing weakness.

August precipitation has been heavier than normal, which has fostered boll weevils, and rust is reported more than usually damaging. These factors are curbing to some extent earlier crop expectations.

Cotton is opening rapidly and harvesting is well under way in the lower cotton belt.

Current quotations are as follows:—

OIL.—Prime crude, 6½c. per pound.

MEAL.—7 percent grade, $22 per ton, interior mills.

HULLS.—Loose, $9 ton.

SEED.—$22 ton, interior shipping points.

Memphis, Sept. 3.—Crude cottonseed oil sold this week at 6½c., Valley points. Meal, 41 percent, $22 per ton, prompt shipment; $21.50 September shipment. Slab cake, 41 percent, $19 per ton, prompt shipment from Valley points; $18.50 September shipment. Hulls, $2.50 per ton, Valley points. Continuous rains in this section delaying seed movement and damaging seed and cotton in the fields, as well as reducing yield per acre. Mills complaining that seed arriving in very unsatisfactory condition from milling viewpoint, testing 15 to 22 percent moisture and analyzing only about 270 pounds of oil. Competent observers now forecasting that the government estimate of September 8 will be lower than previous estimate.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	August 26.	September 2.
September	20.50@20.75	$20.50@21.25
October	20.00@—	20.65@21.00
December	20.65@20.85	20.75@21.00
January	20.75@20.90	20.75@20.95

Animal Oils

Degras.—Quieter conditions prevailed, recent developments in various other commodities making consumers disposed to curtail purchases. Spot stocks appeared to be light or moderate and the market had a steady tone.

Lard.—Quotations were unchanged to ½c. per pound lower. Demand lacked snap, buying interest being limited to unimportant quantities as a rule as usual at this season.

Neatsfoot.—The market had an easy tone, quotations on some grades being shaded ¼c. to ½c. per pound. There was a fair demand from local and other consumers.

Tallow.—Quotations were reduced ¾c. per pound owing to a decline in basic material. Business was routine.

Markets at Other Centers

Chicago, Sept. 3.—In keeping with the easier tone that currently prevails in some of the raw materials, animal oils have been reflecting a somewhat easy tone recently. Prices are ranging from unchanged in most cases, to a shade easier, in others. Buyers remain wary, and are taking only a limited amount of material at this time.

LARD.—No. 1, 11½. to 12c. per pound.

OLEO.—No. 2, 12¼c. to 12½c. per pound.

TALLOW.—Acidless, 10½c. to 10¾c. per pound, tanks; 11¾c. to 12c., drums.

Fish Oils

Menhaden.—Refined oil quotations were reduced 2-10c. per pound, the decline being attributed to the easier position of crude and the downward course of other oils and fats. Business lacked snap but there was a fair demand for small moderate quantities from local and other consumers. Crude was quiet, no further transactions being reported in the primary market where offerings were light. Weather conditions were rather more favorable for fishing operations but the catch continued small and production of oil for the week was reported as light.

Sardine.—Sales of crude oil were reported on the Pacific coast at 36c. per gallon in tankcars, showing a further decline of 1½c. per gallon. Local refined oil quotations were reduced 2-10c. per pound. Trade here was fairly active.

Whale.—Previous selling schedules remained in effect and the tone of the market appeared to be steady. There was a fair demand though consumers showed little disposition to anticipate.

Markets at Other Centers

San Francisco, Sept. 1.—California sardine oil dropped to a level of 36c. per pound in tankcars in this market during the past few days, after earlier business had been transacted at levels of 37½c. and 37c. in succession. Previously the market had registered 38c. Possibly 100 tankcars were moved, subject to regular seasonal production, which is now under way, during the period under review. At the same time, coming out of a full moon period, when fishing is absent, production ran into another snag when fishing boats put out to sea and failed to return with any appreciable tonnage of fish. Rough weather was generally attributed to this situation. Today the season in Northern California runs into its second legalized month, with actual operations having been under way for about two weeks. Activity in Southern California does not commence until October and so far there have been no sales reported from that district.

Floating reduction plants, operating out of this port, were scheduled to put to sea last night for their initial operations of the season. Prolonged labor difficulties were terminated at last with a satisfactory settlement to floater workers.

Reports from the North show herring oil production as about normal, with no further sales activity of any importance taking place just lately. In the meantime Washington coast production at Aberdeen ranges fair to good, with activity at Coos Bay, Oregon, reported as poor. With California fishing expected to pick up in good fashion soon, the Oregon coast will not be an attractive place for the boats to work.

Baltimore, Sept. 1.—Weather and other conditions during the last week continued about as they had been of late, with temperatures high, and skies overcast and sending down occasional showers. The humidity tended to make the temperatures more oppressive than they would have been with a drier atmosphere, but this did not affect the operations of menhaden fishing steamers unfavorably, tending rather to improve the results, since there were an absence of wind. The catch during the week, therefore, showed up fairly well, though the fish yielded relatively little oil. No further sales were reported, but the easier trend as to linseed oil and other products in a way competitive served to prevent any marking up of the quotations, with potential buyers still thinking of 35c. a gallon as an equitable figure, while the fishing companies considered anything to 40c. and above per gallon more in line with a proper market basis. Refined stocks were still quoted at 54c. to 56c. per gallon for white pressed, 56c. to 58c. per gallon for yellow bleached, and 58c. to 60c. per gallon for white bleached, with a good demand from the paint industry.

Fats and Greases

Grease.—Quiet conditions continued to prevail, consumers being disinclined to purchase in advance of current needs. The market had an easy tone, quotations being shaded ⅛c. to ¼c. per pound.

Lard.—Local cash quotations had a downward trend at times in company with the course of futures in Chicago where speculative sentiment still appeared to be unfriendly to the market. Changes in quotations here, however, were within narrower limits that recently. Trade was quiet. The movement of hogs to western markets continued light.

Stearin.—The market was steady at the recent decline. There was a fair inquiry. Offerings were light.

Tallow.—The tone appeared to be easy in the absence of any improvement in demand. Occasional inquiries were noted from consumers but large buyers were still inclined to hold aloof from the markets here and in the West. There were reports current to the effect that some business had been closed outside at a further decline of ⅛c., but local quotations were officially held at former levels.

Trading in tallow futures on the New York Produce Exchange from August 28 to September 3, inclusive, comprised 8 contracts, a total of 480,000 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
September	7.30	7.30	7.15@7.60
December	7.25	7.13	7.30@7.50

Markets at Other Centers

Chicago, Sept. 3.—Influenced by further decreases in related markets, cash lard market values have shown some slight further recession. The buyers have become rather timid about placing orders at this time, evidently preferring to wait until they were satisfied that it was in somewhat more stabilized condition. Shipping trade is reported fair.

The range of lard quotations from the opening Saturday, August 28, to the close Friday, September 3, is shown in the following table:—

	Per 100 pounds				
	Open.	High.	Low.	Close.	Previous Friday.
Cash	$10.52	$10.55	$10.20	$10.40	$10.52
Sept.	10.32	10.55	10.05	10.35	10.32
Dec.	10.40	10.80	10.37	10.60	10.40

TALLOWS (tierces).—Edible, 7¾c. to 8c. per pound; prime, 7¾c. to 8c.; fancy, 7½c. to 7¾c.; special, 7½c. to 7¼c.; No. 1, 7c. to 7¼c.

GREASES (tierces).—Choice white, 8c. to 8¼c. per pound; A white, 7⅜c. to 7½c.; B white, 7c. to 7¼c.; yellow, 10-16, 6½c. to 6¾c.; yellow, 16-20, 6⅜c. to 6½c.; brown, 6c. to 6¼c.

STEARINS (barrels).—Prime oleo, 9c. to 9¼c. per pound; lard, packages, 12½c. to 12¾c.; A white grease, 8c. to 8¼c.; yellow grease, 7¼c. to 7½c.; extra oleo stocks, 12¼c. to 12½c.; No. 2 stocks, 11&c. to 12c.

Liverpool, Sept. 3.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	Sept. s.	d.	Oct. s.	d.	Nov. s.	d.
Saturday	62	0	55	6	55	9	55	3
Monday	62	0	55	3	55	6	55	0
Tuesday	61	6	54	9	55	0	54	9
Wednesday	61	6	54	3	54	6	54	0
Thursday	61	6	54	9	54	6	....	
Friday	62	6	57	0	57	0	56	6

Liverpool, Sept. 3.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	24	6	24	3
Monday	24	6	23	9
Tuesday	24	3	23	9
Wednesday	24	0	23	9
Thursday	24	0	23	9
Friday	23	9	23	9

Fatty Acids

Red Oil.—Quotations were unchanged and the tone of the market appeared to be steady. There was little change in the character of business, consumers being disposed to adhere to a conservative course in making purchases.

Stearic Acid.—There were no new developments in the way of price changes, the market being steady at the reduction announced in the previous week to 12c. per pound for double pressed in car lots. There was a fair demand from local and other consumers.

Markets at Other Centers

Chicago, Sept. 3.—The fatty acids market remains rather unsettled and upset as a consequence of the disturbances that are prevailing in the raw materials market. Tone is a little mixed.

FATTY ACIDS.—Corn oil, double distilled, 7¾c. to 8c. per pound, tankcar; 8¼c. to 8½c., barrels, car lots; 8¾c. to 9c., barrels, less than car lots; coconut oil, acidulated, 8¼c. to 8⅜c. per pound, tankcar, mostly nominal; 8¾c. to 9¼c., barrels, car lots; 9¼c. to 9⅜c., barrels, less than car lots; cottonseed oil, double distilled, 7½c. to 8c. per pound, tankcar; 8c. to 8½c., barrels, car lots; 8½c. to 9c., barrels, less than car lots; settled cottonseed soap stock, 60-62 percent basis; 3½c. to 3⅝c.; boiled down soap stock, 4½c. to 4⅝c.; cottonseed foots, 50 percent basis, 2c. to 2⅛c.

Waxes

Bees.—Prices on crude wax were somewhat lower. African wax seemed to be in good supply and spot offerings were made at 27c. to 27½c. per pound in 10 bag lots. Brazilian wax was quoted at a minimum of 29c. per pound. No change in quotations on refined yellow and white bleached waxes were made. A slackening in general demand seemed to prevail.

Candelilla.—A dull market found prices easier and then lower, the market being 13½c. to 14c. per pound in ton lots without stimulating activity among buyers.

Carnauba.—Futures were cheaper and spot quotations were reduced. The schedule late last week was as follows: No. 3 chalky, ton lots, 38c. to 38½c. per pound; 5 bag lots, 38½c. to 39c.; 1 bag lots, 39c. to 39½c.; North Country No. 2, 40¼c. to 40¾c.; No. 3 North Country, 37⅝c. to 38⅛c. for ton lots; 5 bag lots, 38⅛c to 38⅝c.; 1 bag lots, 38⅝c. to 39⅛c.; refined, 42c. to 42½c; No. 1 yellow, ton lots, 46c. to 46½c.; 5 bag lots, 46½c. to 47c.; 1 bag lots, 47c. to 47½c. No. 2 yellow, unchanged at 44¾c. to 45½c. Demand was slightly more active but on the whole it was a routine business with buyers reserved and awaiting further developments at the source.

Japan.—The market was very firm on the basis of a stronger replacement market. Quotations prevailed at 10¾c. to 11c. per pound with sellers generally refusing to sell for less.

Carbon Monoxide Hazard In Foundries Explained

ALBANY, Aug. 27, 1937.

Further progress in the State labor department's study of carbon monoxide as a health hazard in industry was announced today by State Industrial Commissioner Elmer F. Andrews, on receipt of a preliminary report on studies in foundries of the State made by the division of industrial hygiene of the Labor department.

The report, prepared by William J. Burke, chemical engineer of the department, will appear in full in the forthcoming August issue of the department's industrial bulletin. This report says that the production of carbon monoxide in foundries was definitely traced to three main sources:

1. Pitch (powdered coaltar residue used in dry sand molding).

2. Sea coal (a finely powdered soft coal used as a facing).

3. Organic core-binding materials (linseed oil and cornstarch, linseed oil dissolved in mineral oil, mixture of cornstarch and rosin used in addition to linseed oil).

The pitch gave off the greatest amounts of carbon monoxide, Mr. Burke reports; the sea coal emitted somewhat less, and only relatively small amounts were released from the core-binding materials. Tests made on molds which did not contain any of these materials gave negative results. Practically all the carbon monoxide is released during the "gassing state" of the mold over a period of from five to ten minutes immediately after pouring, Mr. Burke says.

Remedial recommendations made by the report are as follows:

1. Where there is excessive exposure to carbon monoxide, smoke, or irritating gases during the "gassing" of molds following pouring operations, adequate provisions should be made for the removal of all such noxious fumes.

2. Where conveyors are used for carrying molds to be poured, weight shifters should be especially protected because of their continual proximity to the gases which are given off.

3. Cores, which when hot give off irritating fumes, should not be removed from the core ovens until they are thoroughly cooled off. If, due to the nature of the working conditions, this is impracticable, other core-binding materials of less irritating nature should be substituted.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

Baker's FINE CHEMICALS

Baker Bismuth Subnitrate U.P.S. *is extremely low in Alkali Salts and Heavy Metals*

WHEREVER purity and uniformity are essential Baker's Bismuth Subnitrate has a loyal following. Made from C. P. Acid and the purest Bismuth Metal, Baker's rigid control system assures a product that is uniformly light, fluffy, smooth, and of great bulk.

It is unusually low in alkali salts and its purity with respect to arsenic, lead, copper and heavy metals is exceptional—qualities so appreciated by hospitals, the cosmetic industry, and makers of porcelain and ceramics.

There is no additional cost for this extra quality. When you need a dependable source of supply for Bismuth Subnitrate think of Baker — pioneers in precision chemicals. Samples gladly forwarded upon request.

J. T. BAKER CHEMICAL CO.

Phillipsburg, New Jersey

New York, 420 Lexington Ave. | Philadelphia, 220 South 16th St. | Chicago, 435 N. Michigan Ave.

Acid Acetylsalicylic USP 10, 16 and 20% Starch Granulation
Acid Salicylic USP Crystal and Powder
Ammonium Bromide USP Granular
Bismuth Nitrate C.P. Crystal and Purified Crystal
Bismuth Subcarbonate USP Powder
Bismuth Subgallate USP Powder
Bismuth Subnitrate USP Light Powder
Iodine USP Resublimed
Lead Acetate USP and Technical, Crystal and Powder
Lead Acetate C.P. Basic Dry Powder
Magnesium Carbonate USP Light Powder
Magnesium Oxide USP Extra Light Powder
Methyl Salicylate
Potassium Bitartrate USP Powder (Cream of Tartar)
Potassium Bromide USP Crystal, Granular or Powder
Potassium Hydroxide USP Sticks and Pellets
Potassium Iodide USP Crystal, Granular or Powder
Silver Nitrate USP Crystal
Soda Bromide USP Granular or Powdered
Sodium Hydroxide USP Sticks and Pellets (Caustic Soda)
Sodium Potassium Tartrate USP Crystal or Powder
Sodium Salicylate USP

ANALYZED REAGENTS Baker's FINE CHEMICALS

MANUFACTURERS OF

"Baker's Analyzed"

C. P. CHEMICALS AND ACIDS

Drugs, Fine Chemicals

Stoppage of Raw Material Exports from China Accompanies Further Rise in Ephedrine Prices—Emetine Hydrochloride Higher —Salicin Up—Salicylates Firmer—Agar Shaded

Expansion of demand to cover Fall and early Winter requirements of buyers was a reasonable prospect in the market for drugs and fine chemicals, according to the trade last week. Signs of trade broadening to a satisfactory volume were not lacking, said the leading factors in the market. Most prices were in steady position, reflecting the cost of raw materials in most instances.

Ephedrine and its salts occupied a front place in market developments. Prices were advanced sharply and were on an entirely nominal basis. The strength of the market rests on the at present impossibility of getting shipments of raw material from China.

Incidentally, all export business with China was jeopardized further when Japan widened her military operations by sending war planes to Canton, a south China city within seventy-five miles of Hongkong. Furthermore, American ships were forbidden to approach the waters off Shanghai, an American naval order which was later changed when it was decided to give American ships a warship convoy when in Shanghai waters. Finally, the Japanese naval blockade from Shanghai to a point just short of Hongkong was in effect.

Emetine hydrochloride was higher on replacement costs. Salacin was also up to cover increased costs to the suppliers. Agar, phenobarbital, and quicksilver were down. Salicylates were firmer because of a rise in the quotations on phenol, basic raw material for the production of salicyclic acid.

Acetanilide.—Demand was well stabilized. Sharp expansion in sales volume, coincident with the expansion of demand for sulfanilimide, has been succeeded by the stabilization of movement at a high, satisfactory volume. The market was firm.

Acid, Boric.—A well sustained demand for U.S.P. acid was noted and the general position of the material was one of firmness based on considerable strength caused by excellent consumption. Prices were fully firm.

Acid, Citric. — Consuming requirements held up persistently and extremely hot weather tended to keep the need of beverage manufacturers running to a substantial poundage. Prices were steady and lacking in sign of early change.

Acid, Salicylic.—An advance in prices on phenol was not followed by a change in quotations on this acid. However, the market was that much firmer, backed also by a steady consuming requirement that aided in the full support of values.

Acid, Tartaric.—Movement was excellent under the stimulation of hot weather that kept the requirements of beverage manufacturers maintained at a high and satisfactory volume. The strong position of raw material also aided in keeping prices very firm on the derived item.

Agar.—Prices were somewhat lower, No. 1 being quoted at $1.10 to $1.15 per pound, and No. 3 standing at 72c. to 75c. These values developed in line with conditions current on spot and without regard to reports that stocks in Japan were virtually exhausted.

Alcohol. — About the only development of special importance in the market last week was an announcement which changed the line-up of manufacturers and distributors of industrial alcohol. A full story appears elsewhere in this issue. As to demand last week, it was well up to normal expectations at this time of the year and prices were correspondingly firm under the added influence of raw materials available only at comparatively high cost to the distillers.

Aloin. — Strong undertones pervaded the entire market and with demand holding up well and showing signs of some increase, the situation was one fully warranting the well maintained price for this item.

Amidopyrene.—Outlook for Fall business was reported to be very good on the whole. Trade during the Summer period has been moderate without affecting prices adversely. Wider call for the item was said to be a reasonable prospect.

Antipyrene. — Sales volume has been conservative during the past several weeks but reports during the period under review suggested that a revival of buying for later usage was to be expected in the reasonably nearby future. Prices were steady.

Borax.—Shipments were in good volume and an even prompted acceptance of tenders against existing contracts was expected to develop as business swings into the Fall period. Prices were uniformly firm and well maintained.

Bromides. — General interest was about even with that current at this season of the year. With Fall not far away, an improvement in sales for the purpose of stocking buyers against somewhat larger requirements during the months to come was expected.

Cadmium.—Production was well sold ahead and open market quotations were virtually nominal as sellers were able to set their own values because of the fact that consumption was running well ahead of available supplies.

Castor Oil.—Routine trading production of a normal volume of business was generally reported done on the basis of prices at once steady and well stabilized in this market. Improvement in the movement was expected to come with the end of the vacation period.

CHICAGO, Sept. 2.—Castor oil is still in fairly good market position, according to the latest trade reports. Orders are reaching sources of supply at a brisk rate in some cases. Tone of the market is steady. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11½c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cream of Tartar.—Production costs held at the recent rise and the market was fully strong in its fundamental position because of what has to be paid for raw material. In addition, a very good demand acted to the full support of the prevailing schedule.

Creosote.—In the not far distant future a better demand for this article was expected to develop. Substantial needs must be covered if manufacturing consumers are to meet the wider demand sure to come for their products with the arrival of Fall and Winter months.

Emetine Hydrochloride.—The market was higher at $17 to $18 per ounce in line with strengthing and rise in replacement cost and the continued movement of normal quantities into consuming channels.

Ephedrine.—It was impossible to get further supplies of raw material from China. Hence, the value of ephedrine and its salts was whatever the individual seller might ask. For example, single ounces of alkaloid commanded as high at $4.81 per ounce, while single ounces of the salts fetched $4.04 with no trouble at all. Minimum prices were

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

Price Changes

Prices were changed during the past week as follows:—

Advanced

Emetine hydrochloride, $1 per oz.
Ephedrine alkaloid, 55c. per oz.
hydrochloride, 80c. per oz.
sulphate, 80c. per oz.
Salicin, 75c. per lb.

Reduced

Agar, No. 1, 5c. per lb.
No. 3, 13c. per lb.
Phenobarbital, 50c. per lb.
Quicksilver, $1 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
181.5	181.5	181.5	180.1

Market news that may have developed after this report was sent to press will be found on page 4.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
U.S.P.
Packed in drums and cans
Also other grades—Stocks in principal cities
Gwynne Building, Cincinnati, Ohio
205 East 42nd Street, New York City

TARTARS
WILLIAM NEUBERG, Inc., 441 Lexington Ave., NEW YORK, N.Y.
MUrray Hill 6-1990

McKESSON
Representing
E. I. du Pont de Nemours & Co., Inc.
SYNTHETIC CAMPHOR
U. S. P. XI
Solvay Sales Corporation
ALKALIES
Hawaiian Pineapple Company
CITRIC ACID
U. S. P.
Stafford Allen & Sons, London, England
DIGITALIS LEAVES
(ALLEN)
Isdahl & Co., Ltd., A/S
COD LIVER OIL
Acetanilid
Benzoates
Chromic Acid
Chloroform, U. S. P. & Tech.
Menthol
Lycopodium
Paradichlorobenzene
Quinine Sulphate
McKESSON & ROBBINS, INC.
NEW YORK BRIDGEPORT MONTREAL

HEYDEN
fine chemicals
FORMALDEHYDE
PARA FORMALDEHYDE
HEXAMETHYLENETETRAMINE
Acetyl Salicylic Acid
Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Creosote
Guaiacol
Creosote Carbonate
Guaiacol Carbonate
Potassium Guaiacol Sulfonate
Benzoate of Soda
Benzyl Chloride
Benzoic Acid
Benzaldehyde
Bromides
Silver Proteins
Glycerophosphates
FINE HEYDEN CHEMICALS
HEYDEN CHEMICAL CORP.
50 UNION SQUARE NEW YORK, N.Y.
CHICAGO BRANCH: 180 N. WACKER DRIVE
factories: GARFIELD, N.J. - PERTH AMBOY, N.J.

higher at $3.15 for alkaloid, and $2.95 for hydrochloride and sulphate, strictly nominal prices, quoted without offer and with no desire to sell.

Gelatin.—Consumption of edible gelatin was reported to be fairly in line with reasonable expectations and the market as a whole had a steady undercurrent throughout the past week. Use of the item in the manufacture of emulsions was said to be gaining since a special product has been produced for that purpose. Production and other data on edible gelatin, for the second quarter of 1937, compared with preceding quarters, have been released by the Bureau of the Census, Department of Commerce. The data were reported by 11 manufacturers, operating 11 plants in Illinois, Massachusetts, Michigan, New Jersey, New York, and Wisconsin. Import and export data, compiled by the Department of Commerce is also shown:—

	Pounds	
	1937	1936
Production		
First quarter	6,311,018	5,596,515
Second quarter	6,126,624	5,656,122
Stocks		
First quarter	8,200,088	8,589,942
Second quarter	8,420,595	8,853,192
Imports		
First quarter	*1,176,469	496,370
Second quarter	1,484,451	889,314
Exports		
First quarter	36,202	37,338
Second quarter	133,145	83,849

*Revised.

Glycerin. — Business was routine but productive of a volume of business acting as a stabilizer to the market as a whole. Prices were well maintained and unless there shall be a substantial change in the situation in crude material, chemically pure glycerin was expected to hold steady at current levels. Outside influence—such as export demand for dynamite glycerin—were lacking, the European interest in such purchases having subsided to an important extent.

CHICAGO, Sept. 2.—The glycerin market is reported fairly active. C. p. material has been moving freely to buyers. Routine type of activity is the principal kind noted in other materials, as well as c. p. Ruling prices are:—C. p., car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 25c., according to quantity; dynamite, car lots, 21½c.

Iodine and Iodides. — A conventional movement of these entities was reported. Raw material was cheap but any improvement in prices obtained by the Chilean producers would surely be small for the reason that much of an advance in values would permit domestic producers once again to enter into lively competition with the South American suppliers. Prices were steady.

Menthol.—No further improvement in prices has taken place and for the most part the trade was awaiting the result which new production in Japan will have on the value of their output this year. In the meantime, Japan continued to feel the effect of a very good production of domestic synthetic material.

Phenobarbital.—Prices were found to be lower at $4 per pound on contract for 100 pounds or more of merchandise packed in cans or bottles. The price in 25-pound cans was $4.25 per pound, while in 5-pound bottles it was $4.35.

Quicksilver. — A lower market, but also one unproductive of good demand prevailed on the spot during the past week. A fair sized consuming inquiry was noted but much of it was built on comparatively small orders. Prices were $91 to $92 per flask.

SAN FRANCISCO, Aug. 30.—There is some inquiry in the market for good-sized blocks of metal, but consumers of quicksilver are not interested at the prevailing prices. Last week ther was on bid on a rather large quantity from a buyer at $89 per flask, said to be unfilled at present. Sellers' ideas here are from $90 to $92. The market was not overly active.

Quinine.—Stocks wherewith to meet the enlarged need of this material during the late Fall and Winter months were said to be equal to any reasonable expansion in the call. Trade has held very good throughout the Summer months and the basic position of the article was one of price stability.

Salicin.—Prices were higher at $4.75 per pound for quantities packed in 25-pound drums, while for packing in five-pound bottles, the price was $5. Replenishment of current stocks costs more money.

Salicylates.—The advance in phenol prices did not extend to salicylic acid and the salicylates. However, the group was correspondingly firmer in price with demand being reported about normal in volume.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

RESORCIN
PENNSYLVANIA COAL PRODUCTS CO. - Petrolia, Pa.
Established 1916 Inquiries Invited

RUSSIAN WHITE MINERAL OILS
Genuine Imported U. S. P. FLAG BRAND All Viscosities
WHITE OILS
TECHNICAL WHITE OILS FOR INDUSTRIAL USE
NAPHTHENIC ACID SLUDGE . . . NAPHTHENIC SOAP
S. Schwabacher & Co., Inc., 25 BEAVER STREET NEW YORK

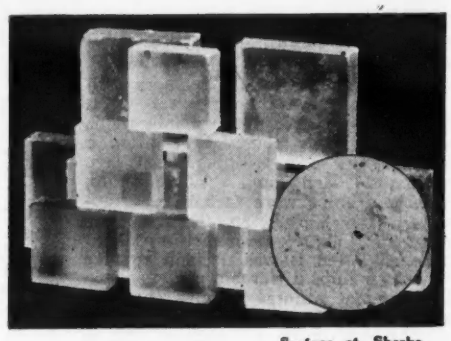
ALUMINUM LACTATE
For Prompt and Future Delivery
APEX CHEMICAL CO., Inc.
Manufacturers Since 1900
225 West 34th Street, New York City
Factory—Elizabethport, N. J.

Valuable as another man on the research staff in every Chemical Producing or Processing organization. Costs less than one week's salary.
Thorpe's Dictionary of Applied Chemistry
JUST PUBLISHED
Volume I of Fourth Edition
(A-Acid to Bixin)
703 Pages
Monastral Blue Binding
Net price — $25
Adds two decades to the conveniently available references in applied chemistry. As useful as the telephone directory every day.
Published by Longmans, Green & Co.
For sale by
Oil, Paint and Drug Reporter
12 Gold Street New York, N.Y.

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular Impalpable
NATIONAL MILK SUGAR CO., Inc.
350 Madison Avenue, New York, N. Y.

BENZOL PRODUCTS COMPANY
237 South Street, Newark, N. J.
MANUFACTURERS OF FINE CHEMICALS
OXY-QUINOLIN
(8-HYDROXY-QUINOLIN)
Base or Sulphate

Every Tablet of
SHERKA CAMPHOR, U. S. P.
(*Synthetic*)
is identical in quality, purity and capacity for camphor action . . .



Surface of Sherka Synthetic Camphor U.S.P. Tablet magnified 150 times to show uniform structure and fineness.

for MEDICINAL, MOTH PREVENTIVE and OTHER PURPOSES
Meets all U. S. P. requirements—lower in price than the natural camphor. Tablets (½ and 1 oz.), Slabs (2½ lbs.) and Powder — all available from one source.
Write for comparative samples and prices to
SHERKA CHEMICAL CO., Inc. Bloomfield, N. J. — Importers or GEORGE UHE COMPANY 80 Eighth Avenue, New York, N. Y. Distributors

BORAX
Reg. U. S. Pat. Off. PURITY GUARANTEED OVER 99.5% Reg. U. S. Pat. Off.
AND BORIC ACID
"TRONA" MURIATE OF POTASH
TRONA Reg. U.S. Pat. Off. TRONA Reg. U. S. Pat. Off.
A 95-98% Grade for Agricultural Use.
A Special High Grade for Use in the Manufacture of Industrial Chemicals.
AMERICAN POTASH & CHEMICAL CORPORATION
70 PINE STREET - NEW YORK
Stocks carried in principal cities of the United States and Canada

Commercial Solvents Extends Alcohol Field

Takes Over American Distilling And American Commercial Industrial Business

The industrial alcohol business of the American Distilling Company and its affiliate, the American Commercial Alcohol Corporation, this city, was taken over by the Commercial Solvents Corporation, according to an announcement by William D. Ticknor, president of Commercial Solvents. A contract to that effect has been signed and brings about a realignment in the industrial alcohol field. The arrangement brings Bruce

Bruce Puffer

Puffer, who had been sales manager of the industrial alcohol division of the American Distilling Company, to the sales department of the Commercial Solvents Corporation.

Under the terms of the contract, the American Distilling Company conveys to Commercial Solvents its industrial alcohol business including good will, permits, and that part of its sales force that specialized in industrial alcohol. The American Distilling Company and its affiliate, the American Commercial Alcohol Corporation, will hereafter devote themselves to the sale of beverage spirits. The transaction did not involve the Kessler Chemical Corporation, of Hoboken, N. J., which remains an affiliate of the American Distilling Company.

The Commercial Solvents Corporation will be supplied industrial alcohol from the Philadelphia, Pa., and Sausalito, Cal., plants of the American Distilling Company. The manufacture of industrial alcohol in these plants will be exclusively for and under the supervision of Commercial Solvents. The latter company does not acquire any plants or other physical property under the contract.

In commenting on the benefits accruing to the Commercial Solvents Corporation by reason of the above arrangement, Mr. Ticknor said:—

Commercial Solvents Corporation expects to increase its volume of business in industrial alcohol on a profitable basis. It will also be benefited by having a point of production on the Atlantic seaboard, which it has heretofore lacked. By being able to ship from Philadelphia it can, in many cases, make quicker deliveries and effect a substantial saving in freight rates.

The many industrial alcohol consumers of American Commercial Alcohol Corporation and the American Distilling Company will be given improved service by Commercial Solvents Corporation, because of this company's extensive warehouse, research and other facilities for rendering service of all kinds.

This acquisition places Commercial Solvents Corporation among the leading distributors of industrial alcohol. At the same time, however, the major part of the corporation's business consists, and will continue to consist, of other types of industrial solvents and allied chemicals.

Commercial Solvents manufactures a number of chemical products, including acetone, amyl alcohol and acetate, "Butanol," butyl acetate, dibutyl phthalate, and other derivatives of "Butanol," ethyl acetate and formate, methanol, and methyl formate. Other products are: distilled spirits, industrial alcohol in all its forms, molding compounds and resins, carbon black, dry ice, liquid carbon dioxide, magnesia insulating materials, corn oil, corn germ meal, and distiller's grains.

Narcotics Production Of World Decreased

(Continued from page 3)

in 1935 in Hungary and Poland. Reports were received from several other European countries of the progress of experiments made in the extraction of opium alkaloids direct from the dried poppy plant. The reports indicated that morphine may be extracted economically from the dried plant of species of poppies which grow readily and are valuable for seed but which yield so little raw opium from the sap that it is not worth the labor involved to produce it in this fashion.

Preparatory work for a convention controlling the cultivation of the opium poppy and the production of raw opium was undertaken by the advisory committee, which constituted itself as a preparatory committee for this purpose. The matter will be discussed in detail at the next session of the committee in May, 1938. The committee noted that the legitimate demand for raw opium is increasing and that a number of the principal opium-producing countries have voluntarily limited their production, but declared that the existence of large stocks of raw opium held in certain producing countries makes it necessary that a systematic scheme of limitation by international agreement be adopted and applied as soon as possible.

The subcommittee on cannabis, of which Mr. Fuller was chairman, recommended that steps be taken to prevent the spread of the Indian hemp plant from seed scattered in the crushing of hempseed oil and in the use of birdseed, and noted that in the United States birdseed merchants have agreed to sterilize hempseed used in mixtures and to include no more than 5 percent of hempseed in such mixtures.

J. V. Champion, formerly with the Eastern Fertilizer Corporation, Norfolk, and district secretary for the National Fertilizer Association, is now associated with the Chilean Nitrate Sales Corporation.

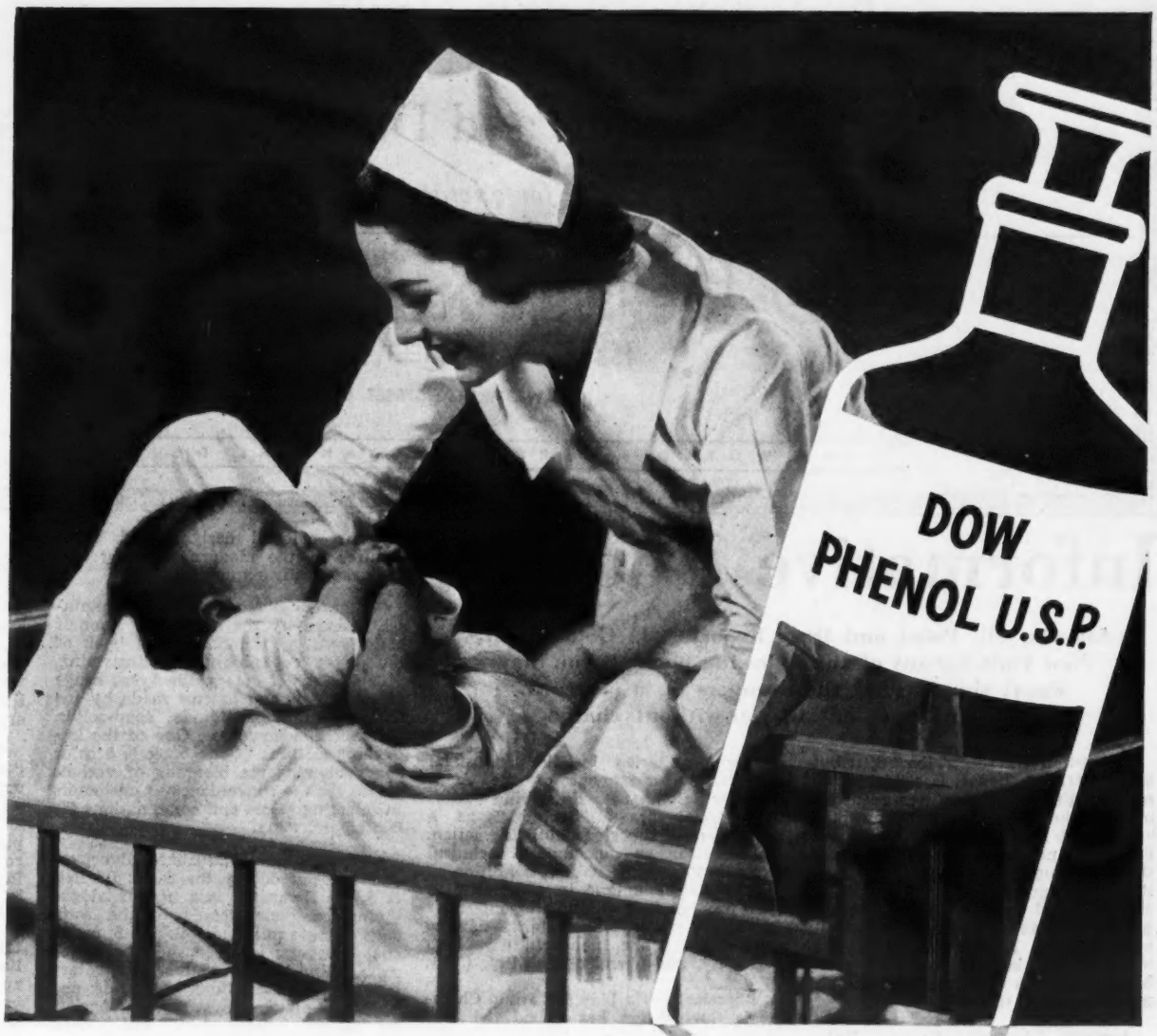
Drugs, Fine Chemicals

(Continued from page 46)

Silver Nitrate.—The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots from 1c. to 2c. more per ounce, and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices of bullion in New York and London are also provided:—

	Per ounce		
		Bullion	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32⅞	44¾	19⅞
Monday	32⅞	44¾	19⅝
Tuesday	32⅞	44¾	19¾
Wednesday	32⅞	44¾	19¾
Thursday	32⅞	44¾	19⅝
Friday	32⅞	44¾	19⅛

Glycocoll in C. P. medicinal, and technical grades is a new offering by Amecco Chemicals, Inc., Rochester, N. Y. Commercial production has been got well under way, and particulars will be furnished at request.



Two million new born every year are ushered into the great American family. Each birth calls for infinite precautions against infection—and it is to the everlasting credit of the medical profession that the number who fail to thrive is surprisingly few.

In countless thousands of hospitals, surgeons count on Phenol to combat infection. In a sense it can be said they depend on Dow for this company operates the world's largest phenol plant.

Such a responsibility cannot be taken lightly. On the contrary, Dow is keenly aware of its charge. Moreover, Dow realizes that hardly a single one of these new Americans can live out its life without counting directly or indirectly on many Dow products.

THE DOW CHEMICAL COMPANY, MIDLAND, MICHIGAN

Branch Sales Offices: 30 Rockefeller Plaza, New York City; Second and Madison Streets, Saint Louis; 135 South La Salle Street, Chicago

A PARTIAL LIST OF DOW PHARMACEUTICAL CHEMICALS

Acetphenetidin, U.S.P. • Antipyrine, U.S.P. • Benzoic Acid, U.S.P. • Minor Bromides • Carbon Tetrachloride, C.P. • Chloroform, U.S.P. • Epsom Salt, U.S.P., Recrystallized • Ferric Chloride, U.S.P., X (Solution or Crystals) • Glycine • Magnesium Sulphate, Desiccated • Phenol, U.S.P. • Acetyl Salicylic Acid, U.S.P. (Powder or Crystals) • Acetyl Salicylic Acid, Granulation, 10% starch (White, Pink, Green) also 16% and 20% starch (White) • Methyl Salicylate, U.S.P. • Salicylic Acid, U.S.P. • Sodium Salicylate, U.S.P. • Minor Salicylates • Sodium Benzoate, U.S.P. • Strontium Bromide, N.F. • Tetrachlorethylene, Purified, N.F. • Trichloracetic Acid, U.S.P.

*Trade Mark Registered U. S. Patent Office

DOW

HEADQUARTERS

for

★ Botanical Crude Drugs
★ Powdered and Solid Extracts
★ Resins - Oleoresins - Concentrations
★ Alkaloids
★ Water Soluble Gums
★ Fish Liver Oils
★ Pyrethrum and Derris Insecticides

Write or wire for quotations or other information

S. B. PENICK & COMPANY

132 NASSAU STREET, NEW YORK

1228 WEST KINZIE STREET, CHICAGO

THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Informative Booklets

Ask the Oil, Paint and Drug Reporter, 12 Gold Street, New York, for any of the following booklets you may want; simply send the numbers on a postcard. Copies will be sent to you without charge.

Absorption Bases:—"Falba," distributed by Pfaltz & Bauer, is a booklet describing the salient features regarding many of the uses of this new absorption base, which is described as a highly concentrated product of oxycholesterins, the active ingredient of lanolin, without its sticky, greasy, and draggy effect. It is claimed to be fourteen times as powerful as good lanolin, is practically odorless, and has proven therapeutic value. The booklet contains many helpful formula hints useful to the cosmetic chemist. **(543).**

Asphalt:—"Asphalt Pocket Reference for Highway Engineers," is the sixth edition of this work, written by Prevost Hubbard, chemical engineer, and Bernard E. Gray, chief highway engineer, of the Asphalt Institute. Its seventeen chapters, contained in 240 pages, comprise a comprehensive handbook of all phases of asphalt highway construction. **(544).**

Bakelite:—"The Versatile Service of Bakelite Materials," issued by the Bakelite Corporation, is a sixteen-page booklet giving the story of the development of various bakelite resinous materials, their general characteristics, their properties, and their applications. **(545).**

Celluloid:—"The Plus Value of Doing Business with Celluloid Corporation," is the title of a twenty-four-page booklet issued by the corporation pointing out various matters of interest in connection with the company, which was founded in 1872 and introduced celluloid to a public that was to see the product utilized in more than 25,000 different forms. **(546).**

Chemicals:—"Atlas Sorbitol, a New Industrial Chemical," is the title of a folder distributed by the Industrial Chemicals Department of the Atlas Powder Company, describing Atlas commercial grade "Sorbitol," as a humectant of superior stabilizing action, representing an outstanding technical contribution to the field of conditioning agents. It is unique in combining in one product four qualities essential for a general purpose humectant:—narrow humectant range, non-volatility, high viscosity, and chemical stability. **(547).**

Chemicals:—Carbide & Carbon Chemicals Corporation has issued the 1937 edition of "Synthetic Organic Chemicals." This is a seventy-eight page booklet, an interesting and useful industrial reference manual on the specifications, properties, and uses of more than eighty aliphatic organic chemicals. The data is authoritative and up-to-date. Much of the information on aliphatic alcohols, amines, aldehydes, esters, chlorhydrocarbons, glycols, ketones, and other chemical families can be obtained from no other source. **(548).**

Closures:—"Modern Closures," published by the Armstrong Cork Company, in its August issue, carries as its opening illustrated article "A Novel, New Container for Moistening Stamps." Other discussions are on "Unique Packaging Promotes Brandy Sales in Test Market"; "Closure Styles for Liquor Packages," and "Highlights from the Closure Parade." **(549).**

Color:—"How to Use Color on Corrugated Shipping Boxes," is the fourth in a series of packaging handbooks published by the Hinde & Dauch Paper Company. Appropriately it is printed in four colors, and illustrations throughout the book show how color can be used effectively to give product identification and sales appeal. "Over-all" patterns, colorful designs, and other features of the modern shipping box are graphically explained. **(550).**

Containers:—"Modern Steel Containers," issued by the Wilson & Bennett Manufacturing Company, is a book of 130 pages, describing and illustrating, in a variety of colors, the great range of steel pails and barrels made by the company for all liquids, semi-solids, crystals, and powders. One of the important features of the book is a color chart showing the blending of various colors for the convenience of customers in selecting colors and combinations for containers. **(551).**

Disintegrators:—"Crusher-Pulverizer-Feeder," put out by the C. O. Bartlett & Snow Company, is a new catalogue giving complete details of the company's single roll, two-roll, and four-roll coal crushers; coke crushers, crushing rolls, swing hammer pulverizers, rotary crushers, disintegrators, ball mills; and plunger, plate, screw, apron, pocket, cutting and table feeders. The booklet contains forty-four pages of engineering diagrams, capacity tables, suggestions for use, and is completely illustrated. **(552).**

Drawbacks: — "Drawback Regulations," published by C. J. Holt & Co., is a twenty-four-page booklet of the revised drawback regulations in convenient booklet form, issued because of the many changes in the drawback section of the U. S. Customs Regulations since originally issued in 1931. Amendments are incorporated in the text, and the booklet should be of particular interest to those companies who use imported animal and vegetable oils which are assessed for duty under the Revenue Act of 1936. **(553).**

Enamel:—The Roxalin Flexible Lacquer Company has issued product summaries on two of its cellulose-type flexible lacquer enamels. "Blue Knight Blax," which is available in all colors, does not chip, flake or peel, and stands blanking and forming. "Blue Knight Taupe No. 978 A," is a specially pigmented enamel of neutral color. It does not show finger print marks, dust or minor defects. **(554).**

Instruments:—"TAG Indicating and Recording Temperature and Pressure Instruments," is a new fifty-six page book, published by the C. J. Tagliabue Manufacturing Company giving complete data on indicating and recording controllers for temperature and pressure, recording thermometers, recording pressure gages, and dial indicating thermometers. Illustrations show how these pressure spring instruments operate. **(555).**

Insulation:—Alfol Insulation Company has issued an illustrated folder describing its Alfol Radiator Reflector, which it claims actively reflects heat as a mirror reflects light, thereby stopping the loss of heat through walls or roof, and effecting an appreciable saving in fuel. **(556).**

Packaging: — "Successful Packages, Volume III," published by the Continental Can Company, reproduces in brilliant color effect various advertisements appearing in trade and packaging publications which give an idea of the company's craftsmanship and versatility in container production and design. Turning through the color pages containers of leading manufacturers are at once recognized that enclose products used almost every day by the average person from the toilet and bath, to foods, lubricants, paints, and insecticides. **(557).**

Synthetics:—"Synthetics Bring New Era in Perfumes," published by E. I. du Pont de Nemours & Co., is a highly informative booklet of sixteen pages, pointing out that the perfumes of today owe their very existence to synthetics, and that some of the odors of perfumes, such as lilac and lily-of-the-valley, never could have been produced without synthetics, for no one ever has succeeded in extracting these natural oils from the flowers. The booklet is divided into four sections—"Synthetics Bring New Era in Perfumes," "The Making of Perfumes," "Synthetic Perfumes in Soaps and Cosmetics," and "Perfume Usage in Industrial Products and Processes." **(558).**

Firman E. Bear, former director of agricultural research for the American Cyanamid Company, this city, has been appointed scientific editor of *Country Home Magazine.*

Botanical Drugs, Gums

Chinese Rhubarb and Cassia Buds Advanced as Japan Drives War Deeper Into China — Chamomile Easier and Lower —Lycopodium Off—Papain Holds Steady

Japanese planes over China continued to be responsible for an advancing market on most Chinese botanicals last week. Sellers of such produce were reserved, not knowing how long it will be before normal commerce with the Yellow Republic will be resumed.

Rhubarb root and cassia buds felt the effect of the China situation. Further exports of rhubarb from Shanghai in American ships will be difficult. The navy officer in charge of the fleet in Chinese waters at first ordered all shipping to keep clear of the blasted city of Shanghai. Later, he provided for a warship convoy for American ships in Shanghai waters, but most ships are being used only to evacuate American citizens and the chances of their taking on cargo for the United States were poor. War was carried south when Japanese planes dropped bombs near Canton, a city within seventy-five miles of Hongkong, the export port that is a British crown colony. Cassia buds and anise seed are shipped from Hongkong. Hence, the uncertainty concerning future exports from that city.

Outside of the Chinese situation, the botanical drug market last week lacked important features. A few medicinals, including chamomile flowers, colocynth pulp, lycopodium, and skullcap were lowered. Numerous spice entities showed firmer and somewhat higher price position, among them being clove, ginger, and nutmegs. Spanish anise, canary, millet, and California brown mustard seed were all cheaper in price.

Entries of botanicals at the port of New York since the week of January 1, 1937, the detentions of these items by the Department of Agriculture because of the presence of matter rendering them unfit for human consumption were:—

	Bags	
	Detained.	Entered.
Anise	2,816	15,925
Caraway	2,936	7,536
Cardamom (cases)	61	1,577
Celery	521	6,378
Coriander	6,819	8,338
Cumin	2,178	7,159
Digitalis leaves (cases)	143	166
Dill	184	647
Fennel	435	2,415
Henbane leaves (bales)	141	294
Mustard	330	18,503
Poppy	1,550	30,856
Sage leaves (bales)	20	1,320
Sesame	228	11,880
Stramonium (bales)	227	327
Thyme (bales)	636	1,189
Totals	19,224	128,010

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cassia buds, 7⅞c. per lb.
Clove, Madagascar, ¼c. per lb.
Zanzibar, ¼c. per lb.
Ginger root, African, ⅜c. per lb.
Cochin, lemon, ¼c. per lb.
Jamaica, medium, bold, 1c. per lb.
bright, grinding, ¾c. per lb.
Grains of paradise, 5c. per lb.
Nutmegs, 110's, ¼c. per lb.
West India, ¼c. per lb.
Prince's pine, 1c. per lb.
Peppers, black, Alleppy, ⅜c. per lb.
Lampong, 1-7c. per lb.
red, Japanese chillies, ¾c. per lb.
birdseyes, ¾c. per lb.
Poppyseed, Dutch, 1c. per lb.
Rhubarb root, whole, 10½c. per lb.
powdered, 5c. per lb.

Reduced

Anise, Spanish, ½c. per lb.
Canary seed, Argentina, 5 points per lb.
Morocco, 5 points per lb.
Chamomile flowers, Hungarian, 1c. per lb.
Roman, 1c. per lb.
Colocynth pulp, 1c. per lb.
Lycopodium, 10c. per lb.
Millet seed, ½c. per lb.
Mustard seed, California brown, 15 points per lb.
Skullcap, Eastern, 1c. per lb.
Western, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.9	126.9	126.0	119.0

Market news that may have developed after this report was sent to press will be found on page 4.

Balsams

Copaiba.—The market was steady. Moderate demand was sufficient to keep spot and replacement quotations well in line one with the other and the situation was considered to be generally steady.

Tolu.—Business was not very brisk. Buyers' requirements were but moderate in size and hence trading was well within moderate limits. Prices remained about steady.

Barks

Barberry.—The market had a steady quality that made for general firmness of prices during the past week. Regardless of the not especially active demand, sellers were not disposed to accept less than open quotations.

Black Haw.—The market continued to be strong in all respects. Country prices were well maintained at comparatively high levels and present replacement costs give the market a strength somewhat in contrast with the not active consuming demand at this time.

Elm.—No over supply of this article is likely to exist this year. Business already in sight accounts for fairly substantial quantities of the new crop and hence the price views of dealers here were uniformly firm last week.

Sassafras.—Collections proceeded in a fashion not forecasting an exceptional stock to meet demand of the size likely to develop with the turn of the year. Prices being paid in the country make present spot quotations distinctly firm. Little competition prevails at the present time.

Wahoo.—Undertones were firm. Present spot prices were on a basis that lined up well with what has to be paid for new collections. The trade as a whole expects prices to be maintained for some time to come. Better demand should develop in the not far distant future.

Beans

Calabar.—The scarcity of spot stocks was more than sufficient reason for the high cost of prompt delivery material, a cost reached through the recent sharp rise in values. Demand was light.

Vanilla.—Undertones were steady. No weakness in foreign markets was reported and the entire situation was one of a fair degree of strength even though sales to manufacturing consumers were not especially active nor large. Foreign markets showed considerable strength, considering the fact that new crop Bourbon beans might in ordinary circumstances be expected to show a recession. The larger buyers have been holding off awaiting developments in the French markets.

Berries

Juniper.—Fair trading was noted in a market notable for its generally well stabilized prices. No change has taken place for a long time and conditions prevailing at the moment do not forecast any early change in that aspect of the market.

Raspberries.—Quotations seemed to have become somewhat steadier since the recent and several reductions in prices. No super-crop was produced in the Pacific Northwest this year and an era of well supported values seemed to be promised.

Flowers

Arnica.—Replacement costs were steady. Spot quotations were in corresponding position. Some inquiry concerning prices for goods to be delivered later reached a fairly substantial total last week and aided in stabilizing values considerably.

Chamomile.—Though quotations abroad have not changed, competition in local circles brought out Hungarian flowers at 26c. to 27c. per pound, and Roman flowers at 24c. to 25c. last week. These were slightly lower limits which were not, generally speaking, expected to last very long.

Clover.—The replacement market was steady in all respects. Spot business was irregular and consisted mainly of comparatively small orders. However, undertones were close to being firm.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS

Asafoetida Gum
Aloes, all varieties
Benzoin Gum Sumatra
Colocynth Pulp
Digitalis Leaves
Elm Bark Bundles
Ergot
Gentian Root
Golden Seal Root
Ipecac Root
Irish Moss
Kola Nuts

Lycopodium
Manna, all varieties
Myrrh Gum
Papain
Quince Seed
Rhubarb Root
Sarsaparilla, all varieties
Saw Palmetto Berries
Tragacanth Gum, all varieties
Uva Ursi Leaves

CRUDE J. L. HOPKINS & CO. DRUGS
220 BROADWAY, NEW YORK

MURRAY & NICKELL MFG. CO. Established 70 Years
105 West Madison Street - - - Chicago
BOTANICAL
CRUDE DRUGS MILLED
HERBS - ROOTS - BARKS - SEEDS AND SPICES
WATER SOLUBLE GUMS TRAGACANTH ARABIC - KARAYA
AMERICA'S OLDEST MANUFACTURER - PYRETHRUM PRODUCTS

VANILLA BEANS
F. HUBER & CO., - 99 Hudson Street, New York

A. C. DRURY & CO., Inc., INTERNATIONAL MERCHANTS
Chemicals - Essential Oils - Synthetics - Bouquets
Talc - Clay - Waxes
219 East North Water Street Phone Superior 5940 Chicago, Ill.

GUMS
IMPORTERS
GUM ARABIC
GUM KARAYA
GUM TRAGACANTH
LOCUST BEAN GUM
(CAROB FLOUR)
PAUL A. DUNKEL & CO., INC.
82 WALL ST., NEW YORK, N.Y. Hanover 2-3750-1

BASE OILS—For Soapless Shampoos
For Polishing Compounds—For Cosmetic Preparations
VISCO GUMS—For Wave Set Solutions
GUMS
Arabic, Tragacanth, Karaya
Powdered in our own mills under laboratory control
JACQUES WOLF & CO.
MANUFACTURING CHEMISTS AND IMPORTERS
PASSAIC, N. J.

Finest Ground PYRETHRUM AND DERRIS POWDERS in the world
These powders contain more killing particles. More effective — more economical. Write for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

Malva.—Jobbing business was fair, but the larger users were aloof from the market. Some have expected to cover needs at lower prices when new crop goods should become available Spot quotations were steady.

Saffron.—The higher quotations recently set up on Spanish material was well maintained and, with replacements being in line with the spot idea of values, the market was especially firm here. Demand was routine and mainly for small quantities.

Gums

Arabic.—A somewhat dull market prevailed and conditions seemed favorable for continuation of the somewhat more competitive market noted in recent weeks. However, prices abroad have not declined substantially again and some importers feel that the movement in favor of buyers has about run its course. Local quotations lacked quotable change, but conditions were favorable for buyers.

Asafetida.—None too plentiful stocks of this article kept values firm when demand lagged last week. Jobbing orders were reported, but the total volume of sales was conservative.

Benzoin.—Stocks of released Sumatra gum were being conserved as replenishment with U.S.P. goods is highly uncertain because for some time past the Food and Drug Administration's tests have shown positive for rosin.

Kino.—Small stocks were in strong hands and, even though demand was not very active, the market held a strong position on the basis of higher prices recently established.

Myrrh.—The market was fairly competitive, but, although occasional shading of quotations have taken place, no quotable change was made in the open market quotations.

Herbs and Leaves

Belladonna.—Foreign market prices have held steady notwithstanding the fact that new crop influences at this time of year oftentimes have weakened the price structure. At the present time values were being well maintained abroad and on the spot.

Ephedra.—No offerings were forthcoming from China. None are expected. The fighting in Shanghai and the blockade of that port by Japan has effectively broken all commercial relations with this country.

Princess Pine.—Supplies were scarce and the market gained strength, if it did not find demand improved. Quotations were higher at 22c. to 23c. per pound.

Skullcap.—Eastern herb was shaded to 24c. to 25c. per pound and the Western was down to 17c. to 18c. For some time past prices had tended to move in favor of buyers. As to demand, it was light enough to encourage a fairly competitive approach to inquiries.

Thyme.—Recently higher prices were fairly well supported on the spot by a better movement into the hands of consumers. Replacement quotations were fully firm in the foreign markets where stocks were not excessive in size.

Miscellaneous

Colocynth Pulp.—Plentiful supplies and limited demand were two factors against which prices could hold when business came to the spot under competitive circumstances. The market yielded to 38c. to 40c. per pound.

Ergot.—Prices were generally steady on spot and further developments will, apparently, await on the unfolding of the situation as concerns exports of this article from Portugal this year.

Grains of Paradise.—Decrease in stocks led to an advance in spot prices to the basis of 30c. to 31c. per pound.

Guarana.—Powdered material was not well stocked on the spot and with some dealers clear of supplies, others were able to command a firm position on the basis of $1.15 to $1.20 per pound.

Lycopodium.—The market has receded to the basis of $1.30 to $1.35 per pound. This was a development based on recent competition and was one somewhat out of line with what was called a basically firm position of the article in the foreign markets.

Papain.—Although reports of business having been taken at very low prices were heard, it seemed improbable last week that anything had been done at less than $1.60 to $1.65 per pound for powdered merchandise. The reputed sales were believed to have been made some weeks back and the repercussions were still echoing on the spot during the past week.

Fougera President Is Made Officer of Legion of Honor

Montaigu M. Sterling, president of E. Fougera & Co., drug and pharmaceutical importer, this city, has been made an Officer of the Legion of Honor by the French Government, in appreciation of services he has rendered to France. In 1924 he was made a Chevalier of the legion for his aid in organizing the French Exposition in New York and for other activities in promoting goodwill between the United States and France. For many years he was vice-president of the French Chamber of Commerce in this country. He has assisted the French hospital and other Franco-American organizations.

Roots

Aletris.—A spot market of firm undertone was based on strength obvious to all in touch with the primary market position of this material. Dealers looked for a comparatively strong situation to develop as the Winter approaches.

Golden Seal.—No further weakening of the price structure has taken place and a fair degree of stability seemed to have attached to the spot position of this merchandise. Because stocks will not be excessive this year, some look for an advancing market later on.

Rhubarb.—Prices advanced again. Whole root sold at 60c. to 65c. per pound and powder fetched 65c. to 70c. Further shipments from Shanghai have probably been effectively cut off by the order in which the officer in charge of United States warships off Shanghai notified all American shipping to keep out of Shanghai waters.

Squill.—Not much has yet been heard concerning new crop prices from Italy and pending that development, local dealers were disposed to sit tight on the basis of prices prevailing for some months. The active season, however, is not far away.

Valerian.—The market has been fairly stable for some time past and conditions in the primary market do not forecast any important reductions in quotations when new crop shall come on the markets abroad.

Seeds

Anise.—Spanish material was shaded to 11½c. to 12c. per pound. Star seed failed to advance further but the market was exceptionally firm because of the situation in China. War spread southward and air attacks were made near Canton by the Japanese. Canton is about seventy-five miles from Hongkong, the shipment port for this material.

Canary.—Quotations were down fractionally to the following basis: Morocco, 5.60c. to 5.65c. per pound; Turkish, 5.45c. to 5.60c.; Argentina, 5.45c. to 5.60.

Coriander.—Prices were firmly maintained and conditions favored continued lack of unsettlement in the market for some time to come. Stocks were closely held in strong hands.

Cumin.—A fairly stable but not very active market on spot was noted and quotations lacked quotable change throughout the past week.

Millet.—Competition brought shading of quotations and set prices down to the basis of 2¾c. to 3c. per pound last midweek. The hulled variety of this material lacked quotable change.

Mustard.—The sole change in prices came in California brown seed, quotations for which were shaded to 7.35c. to 7.75c. per pound. For the most part, the market was steady but demand varied considerably from day to day.

Poppy.—Dutch seed was higher at 9⅜c. to to 9¾c. per pound, being more than a considerable advance for the article. Prices on Polish material remained nominal. Replacement costs in Holland were up.

Spices

Cassia Buds.—Prices were noted in an almost sensational advance. Sales were made at 16c. per pound and the market was then raised to 20c. to 21c. per pound, awaiting the development of further business. The war between China and Japan is not doing domestic buyers of this item any good.

Clove.—Prices were fractionally higher at 16c. to 16¼c. per pound for Madagascar, and 17¼c. to 17½c. for Zanzi-

(Continued on page 64)

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

One-hundred-ninety-second Instalment

Leather

(Continued from August 30 issue)

Flexibilizers for Leather

Abietine sulphonates
Acenaphthene
Acenaphthenedisulphonic acid
Acid esters of fatty alcohols
Albumins
Albuminous substances
Alcohol sulphates
Alkali sludge sulphonates
Alkanol
Alkyl ricinoleates
Alkyl anilides
Alkylated aromatic sulphonic acid
Alkylether alphathiosulphonic acid
Aluminum naphthenate
Aresket
Ammonium linoleate
Ammonium resinate
Ammonium stearate
Amylamines
Amyltetrahydronaphthalenecarboxylic acid
Anthracenesulphonic acid
Aqualube
Aqualube, anhydrous
Butyl acetylricinoleate
Butyl ester of acetylricinoleate
Butyl ester of ricinoleic acid
Butyl ricinoleate
Brilliant avirol
Bursoline
Carbohydrates
Casein emulsions
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil fatty acids
Castor oil, sulphonated
Condensation products of fatty acid glycerides with naphthalenesulphonic acid
Cyclohexylcyclohexanol sulphonate
Cyclohexylethanolamine
Diamylamines
Dibutylricinoleic sulphonate
Digylcol laurate
Diglycol stearate
Egg yolk
Emulsifier B585
Emulsifying agents
Ethanolamine
Ethanolamine oleate
Ethyl acetylricinoleate
Ethyl ester of acetylated polymerized ricinoleic acid
Ethyl ester of acetylated ricinoleic acid
Ethyl ester of ricinoleic acid
Ethyl ricinoleate
Ethyleneglycol
Fatty acid ethanolamides
Fatty alcohol sulphonates
Fatty alcohols
Fatty alcohols, sulphonated
Fatty amides
Gardinols
Glycerides
Glucarine B
Glycerin
Glycerin esters
Glycerin substitutes
Glycol esters
Glycopon AA, 2A
Goldbond oil
Gums
Hemicellulose
Invadene
Invadin
Isomerpin
Kali penetrators
Kalipinol
Kromoline
Lanoclarin
Lecithin
Lethapol
Meritol
Merpentine
Mineral oil sulphonates
Mineral oils, sulphonated
Miscibol
Monopole oil
Naccolene
Nacconol
Naccosol
Naphthalenesulphonic acid
Neomerpin
Neopen
Oleoglycerylsulphate
Olive oil, sulphonated
Penetralene
Perminol
Perpentol
Pine oil, sulphonated
Polyglycerin esters
Polyglycol esters
Pyrophosphates
Red oil
Rezinel 2
Ricinoleic acid
Ricinoleic acid, sulphonated
Ricinoleic acid sulphuric-diester
Saponin
Semiether of glycol fatty alcohols
Soap
Sodium linoleate
Sodium oleate
Sodium resinate
Sodium stearate
Sorbitol
Soybean lecithin
Sulphonated oils
Sulphonated alcohols
Sulphonated aromatic derivatives
Sulphonated fats
Sulphonated fatty acids
Sulphonated fatty alcohols
Sulphonated polymerized terpenes
Sulpholeine
Sulphoricinoleates
Tergitol
Triethanolamine
Triethanolamine oleate
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Turkey red oil
Vegetable tannides
Water-soluble albuminous products
Washing with emulsifying agents
Wetting oil S. F.

Glazing Agents for Leather

Aluminum palmitate
Neran

Glycerin Substitutes Used in Glazing Kid

Aqualube
Creedolin
Hydropon
Glycopon

Graining Agents for Leather

Calafene
Tosco

Greases Used on Leather

Degras
Degras moellen
Egg yolk, liquid
Evaporated skim milk with glycol and soybean lecithin
Hot mixture of petrolatum, mineral oil, and degras
Lanolin
Lecithin
Lecithin with an emulsifying agent and a solvent
Mineral oils
Petrolatum
Solex
Soybean lecithin
Tallow
Vegetable oils containing 85 percent or more of unsaturated fatty acids of the oleic series
Wool-fat in train oil
Wool-grease

Ingredients of Compositions Used for Coating Leather

Acacia bark extract
Albumen
Albumen precipitating agent
Alum
Aluminum palmitate
Aluminum sulphate
Aluminum-potassium sulphate
Aminonaphthalenesulphonic acid condensation products
Aminonaphthalenesulphonic acid-formaldehyde condensation products
Ammonium alginate
Amyl acetate
Balata
Balsams
Beeswax
Benzene
Birch bark extract
Birch tar
Bis(hydroxyaryl)ethane condensation products
British gum
Butyl acetate
Cadmium alginate
Camphor
Caoutchouc
Carbon bisulphide
Carbon tetrachloride
Carnauba wax
Casein
Castor oil
Castor oil, sulphonated
Castor oil with cellulose nitrate
Cellulose acetate
Cellulose derivatives
Cellulose esters
Cellulose ethers
Cellulose formate
Cellulose hydrate
Cellulose nitrate
Cellulose nitrate with codliver oil and lactic acid
Cellulose nitrate with egg oil
Cellulose nitrate with lard oil
Cellulose nitrate with neatsfoot oil
Cellulose nitrate with oil and organic acids
Cellulose nitrate with olive oil
Cellulose nitrate with sperm oil
Ceresin
Ceresin, chlorinated
Chloroform
Chromium compounds
Chromium-potassium sulphate
Collodion
Conifer bark extract
Conifer wood extract
Copper acetoarsenite
Copper alginate
Cottonseed oil
Cresolsulphonic acid condensation products
Cuprammonium-cellulose
Diacetone alcohol
Dextrin
Ethyl acetate
Ethyl laurate
Ethyl myristate
Ethyl oleate
Ethyl palmitate
Ethylcellulose
Ethylmethyl ketone
Fats
Fat, chlorinated
Fatty acids
Fibroin
Fish oil with casein
Fish oil with carnauba wax
Fish oil with gelatin
Fish oil with lanolin
Fish oil with paraffin
Fish oil with turkey red oil
Formaldehyde
Gasoline
Gallnut extract

(To be continued)

Essential Oils, Aromatic Chemicals

Bombardment of Canton Area by Japanese War Planes May Bring Anise and Cassia Shortage in Hongkong—Anise Dealers Withdraw, Naming Nominal Prices

Anise and cassia oils—products of China—occupied the center position in the market for essential oils and aromatic chemicals last week. Prices were advanced sharply and the danger of shipments ceasing became more acute as the Japanese attack on China swung far south in the republic. The balance of the market had a quiet appearance, though demand was reported to be at least sufficient to keep quotations basically steady in practically all items. Broader trade appeared to be a fair prospect for the nearby future and sellers held values steady while awaiting the event.

Anise and cassia oils are shipped to the world from Hongkong, the British crown colony that is located on the far south China coast and which is but seventy-five miles from the Chinese commercial center of Canton.

During the past week, Japanese war planes flew south to Canton bombing the countryside and carrying the war to areas which hitherto had escaped warlike operations. Connections with the interior can well be cut off by the Japanese operations and hence the danger that exports of anise and cassia may be stopped—or at least made very difficult.

Stocks of African geranium were reported to be light but the Bourbon article was in good supply. Production of lavender flower oil was expected to be sufficient for world needs and no advance in prices was expected. Lemon and orange continued to move very well at full prices. Peppermint was quiet but steady since the crop was expected to run in excess of 900,000 pounds. Spearmint was firm but with a fair crop being a reasonable prospect.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Anise, 15c. per lb.
Cassia, 15c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
83.8	83.4	83.3	75.7

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Amber.—A smooth, quiet market prevailed on the spot. Fundamentally, conditions were steady with spot quotations lined up well with replacement cost and totally lacking in signs of unsettlement. Demand was routine.

Anise.—Prices were advanced further. The market reached $1 to $1.05 per pound—some quoted $1.25, not wanting to sell—when it appeared highly uncertain that oil would be soon forthcoming from the China market. During the period under review, Japanese war planes flew south dropping bombs near Canton, the principal city in southern China and one which is but seventy-five miles from the British crown colony of Hongkong—the port from which this oil is exported to the world. The spot market was definitely nominal, as few if any, were disposed to sell save in small lots to regular buyers.

Bay.—Trade was distinctly routine in character but the undertone of the market was steady and prices were well held in all quarters. Stocks were fair in size. Replacement cost was steady.

Cajeput.—Moderately interesting trade was reported and the market as a whole was in well stabilized position with sellers awaiting the broader request which the Fall months were expected to witness.

Camphor.—A fairly firm spot market was the rule on spot. Demand was that typical of this season of the year, but though small, it was also steady enough to produce a market of steady undertones.

Cananga.—Hand-to-mouth trading was the backbone of activity on the spot last week and volume held to moderate limits. In keeping with dealers' inability to replace at more advantageous prices in the primary market, spot quotations were on the firm side.

Cassia.—Quotations were advanced to $1.15 to $1.20 per pound, the material at last showing some of the strength that had made anise a spectacular item in the past fortnight. Interruption of shipments from Hongkong was a prospect the closer because of Japanese war planes having bombed Canton, the south China industrial center which is but seventy-five miles from Hongkong, export point for this oil.

Citronella.—No further rise in prices was reported but all markets were substantially firm and there still seemed to be some upward tendency in values. Consumption was moderate last week but future requirements kept the market more than reasonably active.

Clove.—was a firm article, and oil was no less so last week. Movement against contracts was fair, but new orders were neither numerous nor large. Prices for oil were steady and signs of an early change were lacking.

Coriander.—High prices have cut consumption of this material substantially and numerous consumers have turned to substitutes. Conditions gave no promise of an early return of normal values. It seems probable that a new level of normality is being established.

Erigeron.—It was felt that very little oil would be produced this year in the Middlewest. This is important to the few users of the item as it does not keep well and old crop oil is not likely to be entirely satsfactory to buyers.

Eucalyptus.—Distant deliveries found numerous buyers and the market was reasonably active and always firm throughout the past week. Quotations were very firm and the tendency, if any, was still upward.

Fennel.—Although not a great deal of demand was current for this material, the market was fully firm in price for the reason that the replacement cost made present quotations reasonable.

Geranium.—Well informed factors said that talk of higher replacement costs did not appear to be based on very sound information on the position of Bourbon oil. While something of a shortage prevails in the African article, it is said not to be sufficient to force prices up substantially.

Ginger.—Somewhat more inquiry was noted and the prospect of greater activity found the market to be substantially firm in all respects. Stocks were moderate in size. Replacement costs were firm.

Lavender.—Latest reports indicate that the new crop in France will be large enough to meet world consuming requirements. Hence, it is felt that there will be no increase in prices this year.

Lemon.—New business was not very active but there continued to be a very good movement of oil sold on contract. Pricewise, the market was still exceptionally firm at home and abroad. The position of California oil warranted fairly close watching as it is especially firm at current quotations.

Lemongrass.—The item appeared to be fairly weak. Currently low prices at the source was said to reflect, probably, the presence of fair quantities of oil. No information concerning the size of the new crop has been given out.

Nutmeg.—A deal of stability prevailed on prices named by the leading producers. Cost of raw material has not shifted much of late and that has checked the recently downward move-

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

CLOSE CONTACT with primary markets all over the world assure you of last minute low prices on Quality Essential Oils.

MAGNUS, MABEE & REYNARD, INC.
32 CLIFF STREET, NEW YORK, N. Y.
BALSAMS, AROMATIC CHEMICALS
CONCENTRATED FLAVORS...Since 1895
Essential Oils
M M&R MAGNUS

OIL OF SANDALWOOD EAST INDIA

We are pioneers in the distillation of this Oil in U. S. A. Looking back over our fifty-one years business experience, we can say that during half that time we have been manufacturers of Sandal Oil, and we unhesitatingly and without reserve offer our product as

THE FINEST OBTAINABLE

With our knowledge of Sandal, we believe you will admit we know whereof we speak when we make this claim.

High in Santalol content **Exquisite in Aroma**

GEORGE LUEDERS & CO.
427-429 WASHINGTON STREET, NEW YORK
Factory: Brooklyn *Branches:* Chicago, San Francisco, Montreal, Mexico City

D. W. HUTCHINSON & CO., Inc.
IMPORT Established 1896 EXPORT
Oil of Lime Imitation - - - Oil of Coriander Imitation
For Flavor and Strength
162-164 FRONT STREET NEW YORK CITY

ESSENTIAL OILS
H. C. RYLAND, Inc.
161-3 Water St., New York

MENTHOL
Synthetic "Schimmel & Co."
SCHIMMEL & CO. INC.
601 West 26 St. New York, N. Y.

NOW IS THE TIME TO BUY!!
Citra-Gold
ORANGE OIL and LEMON OIL
Sold in convenient sized factory-filled containers for your protection.
Inquiries invited for other citrus by-products and attractive contract prices.
EARL SILZLE COMPANY
717 SOUTH FIGUEROA STREET - LOS ANGELES, CALIFORNIA
'Phone TR-6513 Cable: Citra-Gold

New Crop **Oil of Dill**

An outstanding FRITZSCHE specialty and the choice of prepared food manufacturers and dill processors. Imparts the precise flavor character and aroma of true dill weed or kraut in the pickling of processed dills. In combination with dill weed, produces a better flavor in treatment of natural dills than when latter is used alone. Dependably uniform and economical. Take advantage of new crop oil by ordering your season's requirements NOW.

FRITZSCHE Brothers, inc.
81 6 WEST 8TH STREET LOS ANGELES, CAL
Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd., 77-79 Jarvis St., Toronto, Canada
PORT AUTHORITY COMMERCE BLDG.
76 NINTH AVENUE, NEW YORK, N. Y.
138 WEST OHIO ST. CHICAGO, ILL.

ment of values on oil. Demand was strictly routine.

Orange.—Conditions remained highly favorable for consumption of this oil by the manufacturers of beverages. Not so much business has developed among the extract makers. Prices were steady at all times but because of the ample stocks available, occasional concessions to buyers were not unusual.

Orris Concrete.—New crop orris root has advanced somewhat, although old crop was being offered at former prices. Some look for an eventual improvement in prices on the derived material.

Peppermint.—With the prospect for a normal crop being reasonably favorable, much of the disposition to predict substantial rise in prices has disappeared from all markets; such disposition had been confined, mainly, the Middlewestern factors. Prices were fully steady at all points and should remain so if the prediction of a new crop aggregating more than 900,000 pounds prove true.

Petitgrain.—A somewhat firmer replacement market was reported but the development failed to affect the position of this article on the spot. Values were steady to firm even though demand was irregular and usually confined to small quantities.

Pennyroyal.—Crop prospects in Europe were highly uncertain because of the civil war in Spain. Domestic crops were not expected to exceed those of a year ago, but no shortage of goods appeared to be pending at this time.

Spearmint.—The market was firm. No surplus of output was in prospect, but on the other hand, it seemed probable that the consuming requirements of the nation would be met without prices undergoing any severe advance during the coming season. This is the view now; it may change when the crop is in.

Tansy.—The outlook was not favorable for normal production. All reports have indicated that production would be conservative and that comparatively high prices would be commanded by the producers. Spot quotations were fully firm because of that prospect.

Aromatic Chemicals

Citral.—Business was fairly good but most of the calls were moderate in size and it was not clear that a broader and larger demand was an early prospect. Prices remained steady.

Citronellal.—Consumption was running to a volume normal for the season and the general aspect of the market was one of steady undertones and stability of prices. Supplies were adequate.

Citronellol.—Not a great deal of new business came to the market last week. Buyers were somewhat reserved and the larger takers appeared to be aloof from the market for the present. However, in keeping with replacement cost, spot quotations held steady.

Coumarin.—Business was fair to moderate but volume was well in line with that noted for some time past as well as reaching a size in keeping with the movement most years at this season. Quotations remained firm.

Diphenyl Oxide.—Business was about normal. Shipments compared favorably with those noted for some time past and the continued consumption of important quantities tended to keep quotations in well stabilized position.

Ethyl Cinnamate.—Inquiry was somewhat sluggish last week. Manufacturing requirements were conservative in number and size and the result was a somewhat dull market that, however, failed to record any change in prevailing prices.

Eucalyptol.—The strength of prices on oil found partial reflection in the quotations on this derived material. Also, the movement into consumption was more than sufficient to give added stability to prices as quoted.

Eugenol.—Consumption was doing very well, according to the trade. Considering the generally less active market in this season of the year, values showed substantial firmness that shaped up well with the cost to replace the article from raw material at current quotations.

Geraniol.—Jobbing business was fair and was sufficient to keep quotations steady pending the development of a broader interest which was expected to arise with the arrival of the Fall months. Quotations remained steady.

Geranyl Acetate.—Irregular demand was the rule. Fair on some days, the call was only moderate most of the time and hence volume was conservative. Quotations remained in steady position.

Heliotropine.—A moderately competitive market was noted but as the range in quality was rather wide, it was difficult to line up values precisely. However, an excellent grade was available at $2.30 per pound, while there were goods offered as low as $1.80.

Methyl Cinnamate.—A routine requirement reached the principle sellers of this material and yet the market position was such that, regardless of volume of demand, values were in steady position and free from any tendency toward shading.

Methyl Salicylate.—Salicylates were not affected by the rise in prices on phenol. Hence this item remained steady in prices, possible somewhat firmer because of the raw material situation, and generally subject to a seasonal demand of fair size.

Musk.—A fairly competitive market on artificial material continued to be noted and yet the official schedule of quotations held without change, nor was it suggested that they might be altered at an early date.

Safrol.—The market was fairly easy in undertone, mainly because the Japanese shippers were in a position to offer ample quantities since the government has taken a stronger control over brown camphor oil. Prices lacked change but they might be shaded.

Flavoring Extract Makers To Hold Shipboard Meeting

The executive committee of the Flavoring Extract Manufacturers' Association of the United States will hold its next quarterly meeting September 10 under a somewhat unique program arranged by George M. Armor, of McCormick & Co., Baltimore, and president of the national association. The group will meet in the board room of the McCormick company; then go by automobile to Annapolis, where it will call upon Governor Nice, and later board a steamer for a trip down the bay to Solomon's Island. A business session will be held on the boat. A crab feast will be held the following day at the island.

Fischbeck Names Davis & Davis

Charles Fischbeck Company, essential oils and aromatic chemicals, this city, has appointed Davis & Davis, Inc., Wrigley building, Chicago, as its sales representatives in the Chicago and Milwaukee territory. Alex M. Davis and his son, Edward Davis, have been well-known in this territory for the last sixteen years. The appointment makes possible the stocking of the company's products in the territory to facilitate deliveries.

Bolinross Chemical Company, Newark, N. J., is endeavoring to get the Court of Claims to consider a claim for damages incurred in machinery and materials in an illegal raid on its plant by Federal prohibition agents in February, 1929.

A. M. TODD CO.

Growers, Distillers and Refiners of

ESSENTIAL OILS

CRYSTAL WHITE—DOUBLE DISTILLED

PEPPERMINT, SPEARMINT, WINTERGREEN, Etc.

Main Office and Works

KALAMAZOO, MICH., U. S. A.

Bids Wanted

Acetylene:—85,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 71, opening September 20.

Acids, Chemicals and Pharmaceuticals:—Supplies as required from November 1 to January 31; Bureau of Supply, Procurement Division, Treasury Department, Washington; class 51, opening September 17.

Aluminum Sulphate:—80 tons; U. S. Engineer Office, Navy building, Washington; circular 20, opening September 9.

Ammonia: — Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Anti-Freeze:—4,000 gallons; U. S. Engineer Office, Fort Peck, Mont.; circular 80, opening September 10.

Baking Powder:—Supplies; Commanding Officer, Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-34, opening September 13.

Bismuth Subcarbonate:—2,500 bottles; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 17, opening September 23.

Boric Acid Ointment:—5,000 tubes; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 17, opening September 23.

Brushes, Casting, Cleaning, and Platers:—Supplies for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1498, opening September 14.

Brushes, Dauber:—6,660 for eastern yards and Puget Sound; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1496, opening September 14.

Brushes, Waxing:—Supplies for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1495, opening September 14.

Cadmium Salts No. 1:—450 pounds; Commanding Officer, Picatinny Arsenal, N. J.; procurement 120, opening September 14.

Caustic Soda:—8,615 12-ounce cans; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-24, opening September 14.

Chrome Green:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Chrome Yellow:—3,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Coaltar Pitch:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Creosote Oil:—6,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Diphenylamine:—9,400 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 109, opening September 24.

Fire Clay:—Supplies for various east and west coast points; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1479, opening September 10.

Flavorings:—Supplies; Chief Clerk, U. S. Industrial Reformatory, Chillicothe, O.; procurement 75, opening September 15.
Supplies; Commanding Officer, Quartermaster, Depot, Army Base, Boston, Mass.; procurement 155-34, opening September 13.
Supplies; Superintendent, Federal Reformatory Camp, Petersburg, Va.; procurement 79, opening September 15.

Floor Wax, Water Emulsion:—1,600 gallons; Bureau of Supply, Procurement Division, Treasury Department, Washington, procurement 2344-RS, opening September 15.

Fuel Oil, Navy:—140,000 barrels for Yorktown, Va.; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1563, opening September 14.

Gelatin:—Supplies; Superintendent, Federal Reformatory Camp, Petersburg, Va.; procurement 79, opening September 15.
Supplies; Superintendent, Federal Industrial Institution for Women, Alderson, W. Va.; procurement 42, opening September 15.

Grease, Cup:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Hydrocyanic Acid:—1,200 pounds; Chemical Warfare Service, Edgewood Arsenal, Maryland; circular 62, opening September 20.

Kerosene:—5,000 gallons; U. S. Engineer Office, Fort Peck, Mont.; circular 83, opening September 22.
7,000 gallons; Contracting Officer, Quartermaster Corps, Fort Monroe, Va.; procurement 6, opening September 9.

Lampblack:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Lard:—Supplies; Contracting Officer, Fort McClellan, Alabama; invoice 3, opening September 17.

Lard and Lard Substitute:—Supplies; Commanding Officer, Quartermaster Corps, Fort Riley, Kans.; procurement 735-17, opening September 14.
Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.
Supplies for various deliveries; Purchasing and Contracting Officer, C.C.C. District, Fort Sheridan, Ill.; procurement 2602-6, opening September 10.
Supplies for various deliveries; District Quartermaster, District 2, C.C.C., Community building, Indiana, Pa.; procurement 5306-5, opening September 15.

Lard Substitute:—Supplies; Quartermaster, Marine Corps, Washington; schedule 174, opening September 15.

Lead Azide:—1,200 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 110, opening September 27.

Matches:—Supplies; Warden, U. S. Detention Farm, La Tuna, Tex.; procurement 1277, opening September 15.

Mayonnaise:—Supplies; Warden, U. S. Detention Farm, La Tuna, Tex.; procurement 1277, opening September 15.
Supplies; District Quartermaster, C.C.C., Pocatello, Idaho; procurement 5909-8, opening September 16.
Supplies; Commanding Officer, Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-34, opening September 13.

Mercurial Ointment:—5,000 tubes; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 17, opening September 23.

Mercurous Chloride Ointment:—5,000 tubes; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 17, opening September 23.

Mineral Lard Oil:—5,000 gallons; Commanding Officer, Frankford Arsenal, Pa.; circular 152, opening September 14.

Oxygen:—370,000 cubic feet; U. S. Engineer Office, Fort Peck, Montana; circular 71, opening September 20.

Paint, Ammunition:—350 gallons. Commanding Officer, Picatinny Arsenal, N. J.; procurement 103, opening September 8.

Red Lead:—20,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Rosin:—10,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Rust Preventive Compound:—30,000 pounds for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 1532, opening September 14.

Salt, Table:—56,100 pounds; Bureau of Supply, Procurement Division, Treasury Department, Washington; procurement 2312-S, opening September 8.

Scouring Powder:—Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Silver Protein:—2,500 bottles; Purchasing and Contracting Officer, Medical Section, Army Base, Brooklyn, N. Y.; circular 17, opening September 23.

Soap, Chip:—44,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Fort Mason, San Francisco; procurement 928-62, opening September 9.

Soap, Laundry: — Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Soap, Toilet:—Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Soap, White Floating Toilet:—21,000 cakes; General Purchasing Officer, Panama Canal, Washington; schedule 3285, opening September 13.

Soda, Laundry:—50,000 pounds; Purchasing and Contracting Officer, Quartermaster Corps, Fort Mason, San Francisco; procurement 928-62, opening September 9.

Spices:—Supplies; Superintendent, Federal Institution for Women, Alderson, W. Va.; procurement 42, opening September 15.
Supplies; Chief Clerk, U. S. Industrial Reformatory, Chillicothe, O.; procurement 75, opening September 15.
Supplies; Warden, U. S. Detention Farm, La Tuna, Tex.; procurement 1277, opening September 15.
Supplies; Commanding Officer, Quartermaster Corps, Depot, Army Base, Boston, Mass.; procurement 155-34, opening September 13.

Stove Polish:—27,000 cakes; Contracting Officer, Quartermaster Corps, Jeffersonville, Ind.; procurement 431-24, opening September 14.

Thinner:—3,000 gallons; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Tooth Powder:—Supplies: — Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Triacetin:—56,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 108, opening September 24.

Venetian Red:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Washing Powder:—Supplies; Quartermaster, Fort Myer, Va.; procurement 579-2, opening September 21.

Yellow Ocher:—5,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Zinc Oxide:—40,000 pounds; General Purchasing Officer, Panama Canal, Washington; schedule 3284, opening September 9.

Patman Complaint Hits Bakers, Millers, Grocers

(Continued from page 5)

chases a substantial part of its merchandise from various selling concerns, those named in the complaint being:—Charles F. Gates & Sons, Faison, N. C.; Godchauz Sugars, Inc., New Orleans; J. Aron & Co., New Orleans; Myles Salt Company, New Orleans; Morton Salt Company, Chicago; J. D. Johnston, jr., Company, Brundige, Ala.; Shotwell Manufacturing Company, Chicago; Cincinnati Soap Company, Jackson, Mich. The selling concerns, it is charged, pay to the respondent buyer, the Webb company, and to the individuals who trade as the Daniel Brokerage Company and act as intermediaries for the buyer, so-called brokerage fees or commissions. The Webb company and the individuals allegedly received and accepted such fees or commissions, when, under the circumstances as alleged in the complaint, no services connected with the transactions of sale and purchase of merchandise sold to the Webb company were rendered to the sellers. The circumstances referred to were that the same individuals who traded as the Daniel company owned a controlling interest in the buying company.

Winthrop Chemical Wins In Advertising Contest

The ethical advertising of the Winthrop Chemical Company, this city, for the fourth consecutive year, has been selected as an outstanding campaign in the 1937 contest conducted by the Direct Mail Advertising Association of America. The jury of awards was influenced not only by the compelling illustrations and tieups employed to attract the attention of physicians, but also the restraint and informative character of the copy. Some of the products featured in the exhibit were "Novocain," "Theominal," "Atabrine," "Luminal," "Prontosil" and "Prontylin."

Standard Oil Company of California and subsidiaries report for the second quarter of 1937 net profit of $9,890,701. after charges, equal to 76 cents a share on 13,014,754 shares of capital stock, according to K. R. Kingsbury, president. This compares with $6,026,588, or 46 cents a share, for the corresponding quarter of 1936.

Petroleum Solvents, Lubricants, Fuels

Pennsylvania Crude Oil Prices Reduced Sharply—Corning Joins In Decline—Industrial Oils Hold Steady—Crude Flow Breaks Record Again

Pennsylvania crude oil prices were cut sharply last week. The first change in the prices for Bradford-Allegany and Pennsylvania grade crudes since June was the most severe cut in some time. The Western crude oil market was unshaken by the Pennsylvania reduction but the appearance of the Midcontinent oil market was not so strong as it had been. The reductions in the Gulf Coast area a few weeks ago and some scattered price cuts on the outskirts of the Oklahoma-Texas fields has created some doubt about the security of the crude price structure unless the production is held within the prescriptions of the control officials. The termination of the heavy motoring season at this time was another factor that made for bearishness. Of course, the consumption of fuels this Winter is expected to break all previous records and an early demand for heating oils may alter the entire situation.

Petroleum products used industrially were rather quiet but trade was expected to liven after the passing of the Labor Day holiday. Solvents and naphthas were firm in price here and in the middle Western market. Waxes were firm also. Mineral oils were expected to move in better fashion later this month.

Daily average production of crude oil in United States created another new high record for the week ended August 28 when the average was 3,731,450 barrels, an increase of 2,100 barrels over the preceding week's average, according to the estimate of the American Petroleum Institute. The average for four weeks ended August 28 was 3,707,650 barrels and the average at this time a year ago was 3,032,050 barrels. Runs of crude oil to stills were reported to the A.P.I. by companies controlling 88.9 percent of the nation's refinery capacity as having averaged 3,123,000 barrels for 85.3 percent of refinery operation. An additional 302,000 barrels daily were believed to have been sent to stills unreported for a total estimated daily average of 3,425,000 barrels against 3,415,000 barrels in the preceding week. Crude oil stocks August 21 were 309,699,000 barrels against 308,737,000 barrels the previous week, according to the Bureau of Mines.

Solvents and Diluents

Petroleum solvents and naphthas moved toward consumption in about the same volume and fashion as a week ago. With the Summer season approaching its terminus, the producers of these naphtha cuts expected a wider interest in purchasing following the Labor Day holiday. Prices held an even position at all refinery points. And, the position of the market at leading Eastern and Mid-western tankwagon distributing points was also steady. There were no changes in price reported during the week under review.

Cleaners' Naphthas.—There has been no shift in the market situation in recent weeks. The prices quoted at the Midcontinent refineries for tankcar quantities were the same as those named for v.m. & p. naphthas viz., 7⅜c. to 7⅝c. per gallon, basis Group 3.

Lacquer Diluents.—The program of the market last week was not materially different from the slow weeks preceding. The demands from the lacquer manufacturers were light but were expected to show improvement this week. Prices held an even position at the Midcontinent and Eastern refinery points.

Petroleum Thinners.—The Eastern refinery market held at the lowered basis which has been in effect for more than two weeks now. Tankcar prices here were 9½c. per gallon at Bayonne and Northern New Jersey points. The Midcontinent market remained at 6⅜c. to 6⅞c. per gallon for tankcars basis Group 3.

Rubber Solvents. — August business was small and the operating schedules in the Akron tire shops for September were not more than slightly improved over those for the month recently ended. The prices for light and heavy grades of solvents at the Midcontinent refinery market continued at the levels that have been quoted by the refiners for some time.

Stoddard Solvent.—In company with other petroleum solvents, this commodity was held free from disturbance last week. Prices continued at levels that have been long in force. The Midcontinent market was 6⅞c. to 7⅜c. per gallon for tankcars, basis Group 3.

V. M. & P. Naphthas.—There was some additional interest in purchasing reported last week, but the market was still described as having been slow. The prices continued without change at Midcontinent and Eastern refinery points.

Markets at Other Centers

Chicago, Sept. 2.—Buyers of petroleum solvents and diluents have been finding sellers holding to a firm market position in most cases in the matter of pricing material. The quotations encountered currently were without major change, in either tankcar or tankwagon divisions. Inquiries were reported in fair volume. Ruling prices in tankcar lots except as noted were (tankcar lots f.o.b. Group 3 Oklahoma):—Blending naphtha, 5c. to 5⅛c. per gallon; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 17.1c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 15.8c., tankwagon; rubber solvent, 7⅜c. to 7½c.; lacquer diluent, 8⅜c. to 8½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 15.8c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 18.1c., tankwagon.

Tulsa, Sept. 2.—There has been a fairly good movement of cleaners' naphthas at 7⅜c. to 7½c. per gallon while Stoddard was 6⅞c. to 7c. per gallon. Rubber and V.M.P. were unchanged.

Lighter Fractions

Butanes, hexanes and other commodites in the light gaseous solvents group were not very demonstrative last week. The market moved along in routine fashion and there were no changes in price. Industrial consumption has been small over the Summer months.

Butanes.—Conditions surrounding the market for this commodity were unchanged and the movement into consumption was described as having been routine. Prices for tankcars of the 16-34 degree product were 2¼c. to 3¾c. per gallon, basis Group 3, according to the number of cars used per month.

Hexane.—There has been no change in the market and prices named by the producers in the Midcontinent area were 13c. per gallon for drum cars of the normal grade and 8½c. per gallon for tanks. The laboratory grade was 16c. per gallon in drum cars. All of the aforementioned prices were basis Group 3.

Petrolatums and Waxes

White Mineral Oils.—The sellers expected the usual pick-up of business this month but up to the time of this writing the increase in consumer takings was still awaited. Takings against contracts were usually confined to a drum or two at a time and there has been practically no new contract booking. The prices were fairly steady and no charges were reported for the technical or the U.S.P. oils.

Paraffin Waxes.—Scale wax prices held unchanged last week. Sellers quoted 2.95c. to 3c. per pound for 122-124 A.m.p. and 3c. to 3.05c. per pound for 124-126 A.m.p. grade. The export buyers were reported bidding lower but the holders of the wax were firm in their ideas. The fully refined wax market was steady at no change in prices. Export quotations for fully refined continued higher than those quoted to domestic accounts.

CHICAGO, Sept. 2.—The refined wax business marked time, apparently waiting to see possible market effect of recent developments in allied markets. Demand has been rather good for some time. Sellers report a fairly healthy condition existing as to stocks, with no burdensome supplies indicated. Ruling prices are:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, bulk or bag, 5.7c. to 5.8c.

TULSA, Sept. 2.—Wax was very firm with one refiner sold out for September and another quoting 3.2c. per pound for the 124-126 grade. General market quotations ranged from 3c. to 3.2c. per pound on 124-126 melting point.

Petrolatum.—The market's position was firm and sellers were firm against the bids of buyers that were below the market. Pennsylvania crude prices were slashed last week but some of the leading sellers interviewed here last week did not seem alarmed over the safety of their selling prices.

Fuels and Lubricants

The slash in Pennsylvania crude oil prices had the expected affect in the Pennsylvania lubricants last week. Prices for bright stocks were lowered a full cent per gallon while the cylinder oils were off a half-cent per gallon. Neutral oils were not touched last week. The gasoline market at bulk points here was firm. There was some good buying support from the jobbers as they prepared for the heavy motoring demands over the Labor Day holiday. Export prices for kerosene at the U. S. Gulf were higher and export quotations for 60-62, 400 e.p. gasoline at the Gulf were also advanced.

Tankwagon Price Changes

PHILADELPHIA.—Gasoline prices to dealers were lowered ½c. per gallon in Philadelphia by the Atlantic Refining Company September 2. The reduction created a sub-normal local market condition which a spokesman for the company expected would be of short duration. Sun Oil Company made the same cut to 8½c. per gallon, plus taxes.

Market Conditions

Gasoline.—The local bulk motor fuel market was steady under the support of heavy buying by the jobber accounts last week in preparation for the heavy motoring demand over the Labor Day holiday. The reduction in the stocks in storage continued and although the heavy motoring season ends at this time of the year, the market enters the Autumn period with a nice balance of stocks at the refineries and tank farms.

Outputs and Quotas

A comparison of Bureau of Mines calculations for August production, state allowable quotas where they exist and the American Petroleum Institute's estimate of crude production for the week ended August 28 follows:—

	B. of M. Dept. of Int. calculations.	State allowable.	Estimated output.
Oklahoma ..	633,400	633,400	641,500
Kansas	200,500	200,500	201,350
Texas	1,395,200	1,510,317	1,549,900
Louisiana ...	253,900	264,550	263,700
Arkansas ...	29,100	.....	35,600
Eastern	121,900	.....	125,600
Michigan ...	39,900	.....	47,600
Wyoming ...	52,800	.....	59,050
Montana	17,700	.....	18,250
Colorado	4,900	.....	4,750
New Mexico.	100,800	114,000	113,950
California ...	612,800	*612,800	670,200
Totals	3,462,900	.....	3,731,450

* Recommendation of Central Committee of California Oil Producers.

Prices in the tankcar market continued unchanged at 7¾c. per gallon for U. S. motor, below 65 octane, f.o.b. refinery. Latest reports on stocks in storage showed 66,997,000 barrels for August 28 against 67,260,000 barrels in the preceding week and 69,087,000 barrels three weeks ago. U. S. motor gasoline for export at the U. S. Gulf was unchanged at 6⅛c. per gallon last week. The price for 60-62, 400 e.p. was advanced ⅛c. per gallon to 6¼c.; 60-62, 390 e.p., was unchanged at 6¼c. per gallon, and 64-66, 375 e.p. was unchanged at 6⅜c. per gallon.

Kerosene.—There was not much interest in the local bulk market and there were no developments worthy of special comment. The price for 41-43 water white material in tankcars continued at the long standing level of 6c. to 6⅛c. per gallon, basis refinery. The Gulf export prices were higher last week with prime white at 5c. per gallon, an advance of ⅝c. per gallon, and water white at 5¼c. per gallon, an advance of ¼c. per gallon.

Fuel and Gas Oils.—Reduced tanker transportation rates have resulted in some weakness in the fuel oil market. There were reports current that retail prices for No. 2 and No. 4 oil were quite soft under the competition for spot business. Marine oils were active and there was a good export interest in C grade bunker oil at $1.35 to $1.50 per barrel, f.o.b. terminal.

Lubricating Oils.—The slash in Pennsylvania crude oil prices was followed by a reduction of 1c. per gallon in Pennsylvania bright stocks and a decline of ½c. per gallon in the cylinder oils. Neutrals were unchanged. Bright stocks of regular pour grade were 20c. per gallon, including tax. The prices on cylinder oils, including tax, were: 600 fire, 17½c.; 600 flash, 20c.; 630 flash, 24½c.; 635 fire, 18½c.; 650 fire, 20c., and Warren E, 21c. per gallon.

Crude Oil Price Changes

Pennsylvania

The Joseph Seep Purchasing Agency of the South Penn Oil Company reduced posted prices for Pennsylvania crudes September 1 as follows:—Penn grade in national transit lines, $2.60 per barrel; Bradford-Allegany district oil, $2.60 per barrel, reduced 22c. per barrel; Penn grade in Southwest Penn lines, $2.30, reduced 27c. per barrel; Penn grade in Eureka lines, $2.25, reduced 27c. per barrel;

The State of the Petroleum Market

Crude oil price reductions last week were as follows:—Penn grade in Southwest Penn, Eureka and Buckeye lines, 27c. per barrel; Bradford-Allegany, 22c. per barrel; lower district Pennsylvania crude, 22c. per barrel, and Corning grade, 15c. per barrel.

	Sept. 3	Aug. 27	Last Year
Crude petroleum prices at well (average for ten fields) per barrel.....	$1.362	$1.399	$1.286
Gasoline prices at refineries (at four refining centers) per gallon.....	.056875	.056875	.054375

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

SHERWOOD'S PETROLATUMS
GUARANTEED QUALITY — ALL GRADES
SHERWOOD PETROLEUM COMPANY, INC.
REFINERY — WARREN, PA. MAIN OFFICE — BUSH TERMINAL, BROOKLYN, N. Y.

PENRECO U.S.P. PETROLATUM
YOUR SPECIFICATIONS ACCURATELY MATCHED
PENNSYLVANIA Refining Company
General Offices: BUTLER, PA.
SNOW WHITE
LILY WHITE
CREAM WHITE
BLONDE
EXTRA AMBER
AMBER
RED

Petroleum Production—Motor Fuel Stocks

	Barrels 1937 Jan. 1-Sept. 4	Barrels 1936 Jan. 1-Sept. 4
Commercial crude oil production	850,004,000	718,769,000
	Week ended Sept. 4, 1937	Week ended Sept. 5, 1936
Daily average production	3,720,900	3,022,700
	Week ended Aug. 28, 1937	Week ended Aug. 21, 1937
Estimated motor fuel stock total	66,997,000	67,260,000
Estimated finished motor fuel stock at refineries	36,006,000	36,153,000

Penn grade in Buckeye lines, $2.10, reduced 27c. per barrel; Corning grade, $1.27, reduced 15c. per barrel. These postings succeed the postings of June 7, this year. The Corning reduction was effected September 2.

The Pennzoil Company reduced posted prices for lower district Pennsylvania crude 22c. per barrel to the basis of $2.55 to $2.60 per barrel. This posting succeeds that of June 7.

Markets at Other Centers

Tulsa, Sept. 3.—Natural gasoline became the product of leading interest in the spot trading throughout the Midcontinent field. Orders came in at a fast rate during the week and the product has gained materially in strength. It is one of the few active products as the preholiday trading in motor fuel was apparently completed last week and refiners have been engaged in making shipments most of the week.

Gulf Coast refiners have been large buyers of natural even in the inland market of Oklahoma as September 1 marked the change in specifications of motor fuel at a number of plants. The 26-70 grade has been principally sought due to the higher pressures and volatilities. The demand was expected to increase even further during the coming week as a number of plants do not change to the Fall and Winter specifications until September 15.

The market in Oklahoma is starting the season about the same price as last year but in Texas there is considerably more strength. For the past two years the 26-70 grade has generally held at 4c. per gallon on September 1.

The outlook is for a somewhat more active market during the coming week, refiners say, but in view of the heavy slash in Pennsylvania crude prices, there is some unsettlement in sentiment. Reduction in prices have been all on the outskirts of the Mid-continent field and thus far only one reduction which was equivalent to the transportation charges has been made in a Kansas field where pipe line connection is available only by a railroad connection. However, purchasers in this area would await the full effect of the curtailment in production ordered by state bodies making any changes, if any is now contemplated.

There have been additional orders in the burning oils this week. The heavy fuels have come in for more attention from the industrial consumers. The steel companies are reported to have been taking additional supplies of the residuals from 7 to 15 degrees in gravity. Domestic users of kerosene have also been absorbing more of the product although the tone appears unchanged.

Although there are no large offerings of any product coming into the resale market, and the demand prior to this week has been fairly large, there is no change in the tone of the market. Quotations this week in all products are unchanged. Following are the approximate prices for all grades of refinery products traded in the Midcontinent market, basis group 3:—

GASOLINE.—Quotations were unchanged. U. S. motor third grade below 62 octane is 4⅞c. to 5c. per gallon while the 63-67 octane is 5⅜c. to 5½c. per gallon and the 68-70 5⅝c. to 5¾c. per gallon.

NATURAL GASOLINE.—In Oklahoma 26-70 is 4c. per gallon and in Texas 4½c. per gallon. There is very little trading in other grades which are quoted 5c. to 5⅜c. for the 14 pound and the 18 pound is 4¾c. to 4⅞c. per gallon.

KEROSENE.—Quotations remain at 4c. to 4½c. per gallon, but some trading is effected at 3⅞c. The 42-44 is 4c. to 4⅜c. per gallon. Higher grades are firm due to the limited supply and increasing inquiries for Fall use. Quotations for the 44-45 range from 4 9/10c. per gallon to the 47-48 at 5 8/10c. a gallon.

DISTILLATES.—The No. 1 prime white 38-40 is 3¾c. to 3⅞c. per gallon and No. 2 straw is 3½c. to 3¾c. per gallon, with gas oils at 3½c. to 3½c. per gallon for the dark colors.

FUEL OILS.—The 24-28 grades at 90c. to 95c. per barrel for the high cold test and $1.07½ to $1.12½ for the low cold test. The low gravities are demanded, with below 16 degrees selling at 80c. to 85c. per barrel.

Chicago, Sept. 2.—The heating oils and heavy fuels are beginning to attract more attention in the oil trade, with relatively less interest shown in the gasoline end of the business. However, gallonage has not declined to any noticeable extent. The jobbing trade has placed itself in good position to take care of the anticipated big Labor Day business. The price structure remains about unchanged. Much attention still is being paid to the tank-wagon price structure. Kerosene tone is described as being better, with more buying. House heating oils have attracted more attention lately. Heavy fuels are bought in good quantity at this point. Lubricants are easier.

GASOLINE.—Low octane motor, 5c. to 5¼c. per gallon; middle octane motor, 5⅜c. to 5⅝c.; high octane motor, 6c. to 6¼c.; 60-62, 400, 5c. to 5¼c. per gallon; 64-66, 375, 5c. to 5¼c.; 68-70, 360, 260, 5¼c. to 5½c.

KEROSENE.—42-44, water white, 4¼c. to 4½c. per gallon; 41-43, water white, 4c. to 4¼c.

FURNACE OILS.—No. 1 prime white, 3⅞c. to 4c. per gallon; No. 1 straw, 3⅝c. to 3¾c.; No. 2 straw, 3½c. to 3⅝c.; No. 2 dark, 3¼c. to 3½c.; No. 3, 3½c. to 3⅝c.; 32-36, dark, industrial gas oil, 3c. to 3½c.

FUEL OILS.—No. 4, $1.07½ to $1.12½ per barrel; No. 5, 85c. to 90c.; No. 6, 80c. to 85c.

New Orleans, Aug. 31.—Prices remained stationary in the domestic market during the past week. Foreign inquiries and exports were both good. U. S. motor gasoline was quoted at 6½c. per gallon at refinery; U. S. motor below 62 octane was quoted at 6½c.; 63-67 octane at 6⅞c. and 68-70 octane at 7¼c. per gallon at refinery.

Kerosene continued at 7⅜c. per gallon at refinery.

The price of Bunker C fuel oil remained at $1.05 per barrel at terminal and $1.10 per barrel delivered alongside; industrial plants were quoted on a basis of $1.46 per barrel, delivered.

Oil Stock Sale Fraud Charged Against 21 Men

Twenty-one men, including two lawyers and a certified public accountant, were indicted September 2 by a Federal grand jury, in this city, for mail fraud in an alleged stock swindle which, it is charged, cost investors $500,000.

The indictment, handed up to Judge John W. Clancy, in the United States District Court, dealt with the sale of stock of the Bradford Oil Company, of Palmer, Mass., a company which operates a chain of gasoline stations but which allegedly was represented by stock salesmen to be the owner of extensive oil properties. The company has no connection with a Pennsylvania company of the same name and was not charged with any wrongdoing in the indictment.

The indictment alleges that the promoters inherited the list of Wallace G. Garland, former Yale University student, who became known as a "financial wizard" and was convicted recently. By a system of wash sales and matched sales, it was charged, the defunct brokerage concern of Essenfeld & Co., of this city, with branch offices in Jersey City and Baltimore, boosted the price of the shares to $11 each, selling about 40,000 shares, and delivering $1.75 a share to the Bradford Company.

Among those indicted are Hyman B. Essenfeld, head of the defunct firm; Albert L. Niditch and Herbert E. Dennison, Boston lawyers; James T. Swan, Boston certified public accountant; Adolph Spero, Henry Klein, Henry Niditch, Max Silver, David B. Howe, Allan Howe, Robert H. Von Stein, Alfred Tobias, Jack Silver, Alfred Wolfson, Maurice I. Shapiro, and Herman Melman, of New York.

Dr. R.W. Clark Joins Staff of Merck & Co.

Dr. Ralph W. Clark, until recently acting professor of materia medica at the University of North Carolina College of Pharmacy, has joined the pharmacy service staff of Merck & Co., manufacturing chemists, with headquarters in Rahway, N. J.

Dr. R. W. Clark

Dr. Clark attended Cornell College (Iowa) from 1918 to 1920 and later the University of Wisconsin where he received B.S., M.S., and Ph. D. degrees. He served as a pharmacist in the Wisconsin General Hospital and later in several retail pharmacies. From 1930 to 1934 he was secretary of the Wisconsin Pharmaceutical Association. He also served as editor of *The Wisconsin Druggist*, instructor of pharmacy at the University of Wisconsin, and contributing editor of the *Carolina Journal of Pharmacy* and the *Northwestern Druggist*. He has been active in committee work in the American Pharmaceutical Association and the American Association of Colleges of Pharmacy.

Dr. Clark will devote his time to special service work among retail pharmacists and will cooperate with the Merck field representatives in promoting the interests of pharmacy.

Oil Discoveries Start Mild Pennsylvania Boom

A mild state of excitement reigned in the Pennsylvania crude oil fields last week after three new gushers were struck in that rich oil region. The latest strike was a 100-barrel well at Valencia in Butler County. This well is in the Mars-Butler field that was abandoned many years ago as having been dry. A few days earlier, a flush well was struck in Waynesburg, near the West Virginia border. This well had an initial flow of 100 barrels an hour. On August 24, another well commenced flowing 240 barrels of oil an hour from the second sands in the Bradford district at a depth of 1,629 feet.

The rapid successive discovery of these wells has given considerable credence to the belief that lower sands in wells that were abandoned as "dry" were capable of producing in a commercial way and as a result there has been a good deal of leasing activity in all parts of Western Pennsylvania.

S.O. Development Co. Appoints

Standard Oil Development Company, a subsidiary of the Standard Oil Company of New Jersey, has appointed R. P. Russell executive vice-president. Under F. A. Howard, president, he will assume general executive responsibility. Dr. N. E. Loomis has been appointed vice-president in charge of research and development, and R. H. Dickson has assumed the duties of general secretary. The company conducts or supervises the major part of the research and development work for the parent company, and provides laboratory service for the company's subsidiaries, Colonial Beacon Oil Company, the Standard Oil Company of Louisiana, and the Standard Oil Company of Pennsylvania.

M.M.&R. Introduces 'Orangesol'

Magnus, Mabee & Reynard, Inc., essential oils, this city has perfected "Orangesol M. M. & R," a concentrate possessing the rich odor of orange blossoms. A companion product to "Rosesol M.M.&R.," one ounce of the new concentrate makes a gallon of imitation orange flower water when mixed with water or aqueous solution.

Stuart G. Gibboney, counsel for the Angostura-Wuppermann Corporation for twenty years, and for the last twelve years a vice-president, has been elected president to succeed the late A. E. Wuppermann. J. Stewart Herrman, grandson of the late Mrs. Joseph W. Wuppermann, and a nephew of the late Mr. Wuppermann, has been appointed general manager.

Refined.. TO SUIT Your REQUIREMENTS
When you buy from Deep Rock, there will be no delays to interrupt production schedules BECAUSE Deep Rock is a reliable source of supply. Deep Rock is qualified by many years of practical experience to talk over your special problems. No obligation anytime you write our sales office nearest you.
LACQUER DILUENT
V.M. & P. NAPHTHA
NAPOLEUM SPIRITS
STODDARD SOLVENT
RUBBER SOLVENT
MINERAL SEAL OIL
INDUSTRIAL LUBRICANTS
SPECIAL KEROSENES
DEEP ROCK OIL CORPORATION
GENERAL SALES OFFICE: 155 NORTH CLARK STREET, CHICAGO
Decatur Des Moines Milwaukee Minneapolis Oklahoma City Omaha St. Louis Tulsa
Refinery: Cushing, Oklahoma

Fertilizer Materials

Trade Awaits Extent of Cotton Crop Curtailment as Loan-Subsidy Is Offered by Administration — Raw Materials Purchases Light

As the Administration announced the institution of a loan-subsidy program for cotton, in obeisance to the maneuvers of Southern Congressmen and in exchange for assurance of the passage of a crop control bill at the next session, fertilizer producers were principally concerned in how far the Administration would go in its demand for crop curtailment.

The purchase of raw materials was in neglect throughout last week. The market more or less drifted through the period and the only price movements of note were recorded in the organic ammoniates. Sulphate of ammonia underwent a scheduled increase in price on the first of the month when the price advantages of the eleven to thirteen months contracts expired at the end of August.

Southern superphosphate manufacturers did not follow the price advance which was registered previously in Baltimore and more northerly markets. However, there was talk of an impending increase in price in the Southern market. Ammonia phosphate is just as tight as super and the producers of 11 and 48 crude monobasic material faced a tightness of supply for the remainder of the season, according to present calculations.

July production of ammonia from by-product coke operations, expressed in terms of the ammonia sulphate equivalent of all forms of ammonia produced, was 69,204 tons, an increase of 8 percent over the June production of 64,093 tons. The production in July last year was 58,238 tons. Production for the first seven months of this year was 480,171 tons, against 379,952 tons in the same months of 1936, according to the Bureau of Mines.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Sulphate of ammonia, contracts, $1 per ton.

Reduced

Blood, dom., Chicago, 20c. per unit.
New York, 10c. per unit.
Bone, dom., 1¼ & 60, Chicago, $2 per ton.
3 & 50, Chicago, $1 per ton.
import, 4½ & 50, $1 per ton.
Tankage, fert. grade, Chicago, 15c. per unit-ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
66.7	66.7	66.4	62.9

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—The market had very little in the way of featured developments last week. Contracting for this season's requirements has been completed and the trade is covered on what it expects to use. The movement of material against these agreements is light at this time. Prices continued firm at the levels established early last month.

Sulphate of Ammonia.—Prices effective under the 11-13 months contracts expired with the close of August and the higher prices for 6-10 months contracts went into effect on the first of this month. In substance, this move represents an increase of $1 per ton in the price. The schedule for material in bulk on contracts for equal monthly shipment for any 6-10 months through June, 1938, are as follows:—September-October, $27,50 per ton; November-December, $28 per ton, and January-June, $28.50 per ton. Contracts for delivery over any 1-5 months of the season are $1 per ton additional. The prices are f.o.b. ports or ovens and deliveries in Illinois, Michigan, Indiana, Ohio, Wisconsin and Ohio River destinations in Kentucky are f.o.b. ovens, freight allowed. Bag packing is charged extra at $1.30 per ton for 200's and $2 per ton for 100's.

Cyanamide. — The market showed fairly good activity for this time of the year. Prices remained at $1.15 per unit of ammonia, basis delivered.

Castor Pomace.—There has been no change in the domestic price of $23 per ton, f.o.b. producing points, but there were indications of some softness in the market. Perhaps better could be done with bids.

Dried Blood.—The domestic markets continued to weaken. The Chicago price moved down 20c. per unit last week to $2.95 per unit. In New York the price dropped 10c. to the basis of $3.40 per unit. Foreign material held at the preceding week's price of $3.40 per unit and sold at that figure last week. Some of the large users bought at that figure last week.

Fish Scrap.—The market was idle through last week. Re-sale Chesapeake menhaden scrap was still offering at $3.50 and 10c. per unit-ton, basis factory. The fishermen were not selling and nominal prices from that source were $4 and 10c. per ton. Japanese sardine meal was offering for shipment at $48 per ton, c.i.f., unchanged from the preceding week. Buyers of quantity could have done a little better but for ordinary amounts $48 was firm at this writing. Sellers here have expressed the belief that offerings of Japanese sardine meal here will be ample and that the hostilities in the Far East, if they are kept within current confines, should not have much effect upon the deliveries.

Nitrogenous Material.—There was not much life in the market last week. This material shared in the dullness of other organics. The prices have not changed during recent weeks.

Tankage.—Fertilizer grade material in Chicago was off 15c. last week to the basis of $2.85 and 10c. per unit-ton. This was a reduction of 15c. per unit from the preceding week's quotations. The New York market did not change during the week. Imported material was also unchanged.

Potashes

According to this week's Atlanta dispatch cotton rust has been developing, a factor which should promote an increased use of potash at next plantings. The potash producers and importers are engaged in making arrangements for the delivery of materials ordered against the contracts placed at the 12 percent discount earlier in the season. There has been no new business in the market since the expiration of the maximum discounts and some of the producers expected that little additional new business would be placed over unless the aforementioned potash deficiency caused by cotton rust alters the earlier buying estimates of the growers the balance of the season. The discount offering at this time was 5 percent on orders placed with specifications up to and including September 30 for delivery in approximately equal monthly quantities from October 1 to January 31.

Phosphates

The strength of superphosphate continued as the outstanding feature in this group of materials. Southern producers have not followed the recent increase in prices that was placed in effect at the Northern markets, but there was talk of higher prices in the South. Bone materials were marked by some price reductions in the West last week.

Bone Materials.—Steamed 1¼ and 60 material in Chicago was quoted last week at $20 to $22 per ton, a reduction of $2 from the preceding week's price. Quotations for 3 and 50 meal in Chicago were lowered $1 per ton to the basis of $24 to $25 per ton. Imported 4½ and 50 raw bone was reduced $1 per ton to the basis of $31, f.o.b. ports.

Superphosphate.—The market at Baltimore and more northerly points was firmly entrenched at the recently advanced basis of $8.50 per ton for run of pile and $9 per ton for 16 percent guaranteed, both, f.o.b. cars or boat. The Southern producers did not follow this advance of 50c per ton, but there were rumors of an impending mark-up in the South.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Sulphur and Pyrites

The movement of sulphur against contracts was described by sellers as having been quite normal for this time of the year. There is a good deal of material now moving into those areas that are cut off from access by water during the Winter months. Prices continued unchanged and steady.

Unsettled conditions in Spain have resulted in a substantial improvement in exports of pyrites from Portugal, according to the Department of Commerce. The 1936 exports from Portugal totaled 345,753 metric tons, which is close to the 1930 peak of 357,168 tons. The 1935 exports were 123,961 tons, and in 1934 they totaled 229,888 metric tons.

Markets at Other Centers

Atlanta, Sept. 2.—Pegging cotton at 9c. per pound is of chief interest among fertilizer manufacturers this week. The government's action is regarded as a bar to what would have been considerably lower prices, and an aid to the purchasing power of fertilizers in the cotton belt.

The cotton crop has developed potash hunger in the form of rust and is doing greater damage than the boll weevil, according to observations of impartial observers.

The market for fertilizer materials is quiet. Lower prices are quoted for organic ammoniates. Cottonseed meal is quoted on an unresponsive market at $21 to $22 per ton at mill points in the Southeast. Buyers continue to wait for lower prices.

No change in Southern prices of superphosphate have been announced. An impression exists that an advance may be expected.

Quotations of this market are as follows:—

SUPERPHOSPHATE.—$9.60 per ton, interior producing points.

NITRATE OF SODA.—$27 per ton, f.o.b. ports.

SULPHATE OF AMMONIA.—$28.50, bulk, port basis.

COTTONSEED MEAL.7 percent grade, $21 to $22 per ton, interior mill points.

BLOOD.—Foreign, $3.40 per unit, port basis; $3.20 to $3.30, Chicago.

TANKAGE.—$3.10 to $3.20 per unit, Chicago.

NITROGENOUS.—Foreign, $3.15 to $3.20 per unit, port basis.

BONE.—Ground, steamed, 3 and 50 percent, $25 to $26; 4½ and 50 percent, $29 to $30; Chicago; raw bone 4½ and 50 percent, $32 per ton, ports.

Baltimore, Sept. 2.—Pronounced quiet continued in the market for crude fertilizer materials last week. Inquiry had small proportions. The current quotations were as follows:—

FISH SCRAP.—Menhaden fishing activities down the lower Chesapeake Bay and outside the Virginia capes were aided by the weather last week. Re-sale quotations were $3.50 and 10c. per unit-ton basis factory. Japanese sardine meal was fairly firm on war conditions at $47.50 per ton, with domestic fish meal at $56 per ton.

TANKAGE.—$3.75 and 10c. per unit-ton, c.a.f. basis Baltimore.

BLOOD.—$3.40 to $3.50 per unit for South American supplies.

SUPERPHOSPHATE.—$8.50 per ton for run of pile and at $9 per ton for 16 percent guaranteed.

NITROGENOUS MATERIAL.—$3.15 per unit.

BONE.—$32 per ton for 4½ and 50 ground raw and $26 per ton for 3 and 50 ground steamed stocks.

Chicago, Sept. 2.—Fertilizer materials have been unable to hold their own in price in opposition to the generally easing price trend of various lines of products, and accordingly an easier tone is noted in a number of the grades. Blood is bought sparingly, but it is reported available at slightly lower prices, which are the lowest in some time. At the same time, tankage is bought sparingly at generally easier prices. Bone materials are mostly marking time, with trade rather hesitant. Cracklings have been easing off lately.

BLOOD.—Principal grade, $2.95 to $3.05 per unit of ammonia.

TANKAGE.—High grade, $2.90 to $3 and 10c.; low grade, $20 to $22; liquid stick, $2.50 to $2.75; hoof meal, $3.50 to $3.60.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $20 to $22; 3 and 50 percent, $24 to $25; 4½ and 50 percent, $29 to $30; grinding hoofs, pigs' toes and waste horn materials, $24 to $26; junk and hotel kitchen bones, $20 to $22; cattle jaws, skulls and knuckles, $34 to $35; pork cracklings, soft pressed, $45 to $55; beef cracklings, soft pressed, $35 to $45; hard pressed cracklings, per unit of protein, 62½c. to 67½c.

San Francisco, Sept. 1.—Fertilizers were very quiet. Users of the regularly heavily contracted chemical materials have pretty

Chilean Nitrate Sales Up 16.7% in 1936-37

Sales of Chilean nitrate of soda during the 1936-37 season—ended June 30—showed an increase of 16.7 percent over the preceding year, but production was increased only 7.6 percent, hence there was a decrease of about 17.2 percent in stocks, according to information received by the Department of Commerce from the commercial attache at Santiago. If the recent volume of sales is maintained, a slight increase in production is expected during the 1937-38 season.

In a recent communication to the Chilean Minister of Finance the Nitrate Sales Corporation said that the return per ton of nitrate during the 1936-37 season had been only $18.30 (U. S. currency), compared with $20.88 in the preceding year, $24.60 in 1930-31, and $40.96 in 1927-28. The sales corporation also pointed out that nitrate production costs in Chile are low only because an artificial method is used in their calculation, but that, nevertheless, these costs are rising because of (1) increasing wage and salary scales; (2) social law and welfare expenses; (3) higher costs for Chilean and imported products; (4) con-

(Continued on page 64)

DOMESTIC
SULPHATE OF AMMONIA
AND AMMONIA LIQUOR
THE Barrett COMPANY — 40 RECTOR STREET, NEW YORK

SUNSHINE STATE POTASH
A PRODUCT OF NEW MEXICO U.S.A.
REG. U. S. PAT. OFF.
MURIATE OF POTASH 62/63% K_2O, ALSO 50% K_2O
MANURE SALTS APPROXIMATELY 30% K_2O
UNITED STATES POTASH COMPANY, INC.
30 Rockefeller Plaza, New York, N. Y.

Scientific and Professional Services

Alexander, Jerome
Consulting Chemist and Chemical Engineer
Especial experience in colloid chemistry and its applications. Representation for Patents, Processes, Products and Apparatus. Research Advice, Investigations, Expert Testimony.
50 East 41st Street **New York City**
Member:—Association of Consulting Chemists and Chemical Engineers

Chemical Engineers—
Representation on this page would result in inquiries and business. We have a special rate for professional cards. May we quote it to you?
Oil, Paint and Drug Reporter **12 Gold Street, New York, N. Y.**

Philip B. Hawk, Ph.D., Pres. Bernard L. Oser, Ph.D., Dir.
FOOD RESEARCH LABORATORIES, INC.
114 E. 32nd St., New York
Research — Consultation — Testimony
FOODS — DRUGS — COSMETICS
SPECIALISTS IN VITAMINS
Members Association of Consulting Chemists and Chemical Engineers
Write for "Science at Your Service"

HOOVER, GEO. W., M.S., M.D.
Consultant
Formerly Chief Drug Control U. S. Department of Agriculture
Broad Experience With
Drugs, Medicines, Foods, Label Advertising and Formula Requirements
Insecticides, Cosmetics, and Toilet Articles
and with
Advertising Subject to Law Enforced by Federal Commission
Shoreham Building Telephone DIstrict 1169 **Washington, D. C.**

Charles H. LaWall Joseph W. E. Harrisson
LAWALL AND HARRISSON
Analytical and Consulting Chemists
Pharmaceutical and Chemical Research. Process and Formula Development. Food, Drug and Water Analyses. Legal Testimony.
214 So. 12th Street, Philadelphia, Pa.

MOLNAR LABORATORIES
Chemists, Bacteriologists, Consultants
PHARMACEUTICAL, COSMETIC AND ORGANIC CHEMICAL RESEARCH
PROCESS AND FORMULA DEVELOPMENT. BIOCHEMISTRY
TESTIMONY. INVESTIGATIONS. LABEL ADVERTISING.
Member:—Association of Consulting Chemists and Chemical Engineers.
211 E. 19th Street **New York City**
GRamercy 5-1030
NICHOLAS M. MOLNAR, MS., F.A.I.C., Director.

Pease Laboratories, Inc.
CHEMISTS SANITARIANS BACTERIOLOGISTS
ANALYSTS SCIENTIFIC LIBRARY SERVICE
MEDICAL ADVERTISING AND TECHNICAL CONSULTANTS
39 West 38th Street . . . . . New York

Protect Your Ideas By **PATENTS**
Call or send me a sketch or simple model
WHAT IS YOUR INVENTION?
Z. H. Polachek 1234 BROADWAY NEW YORK **PATENT ATTORNEY ENGINEER** CONFIDENTIAL ADVICE
Register Your **TRADE MARKS**
U.S. Pat. Off. records searched
ANY invention or Trade Mark
FREE } CONSULTATION } LITERATURE
Phone LOngacre 5-3088

Est. 1865
W. S. Purdy Co., Inc.
ANALYTICAL AND CONSULTING CHEMISTS
Petroleum Oils, Waxes, Greases, Soaps, Fuel Oils, Coal
Phone Hanover 2-3772
128 Water Street **New York City, N. Y.**

Sadtler, Samuel P., & Son, Inc.
Research and Analytical Chemists
CHEMICAL ENGINEERS
Patent and Legal Testimony
210 South 13th Street.....Philadelphia, Pa.
"Nothing Pays Like Research"

Associated Chemical Eng. Corp. **44 Whitehall St., N. Y. C. Phone WHitehall 4-2974**
Analytical and Consulting Chemists and Chemical Engineers
AUTHORITATIVE Reports, Analyses, Research, Manufacturing Processes, Formulae and Patent Development.
Referee Analyses — Expert Testimony

Bureau of Chemistry
New York Produce Exchange
H. B. Trevithick, Ph. B., B. S.
2 Broadway **New York**
Cottonseed Oil, Oils, Greases, Soaps, Turpentine, Glycerine, Cattle Feeds, Spices, Chemicals, etc.
Consultation—Research.

Michael J. Carpinello, Inc.
OFFICIAL and LICENSED SAMPLERS, WEIGHERS, and INSPECTORS
Members N. Y. Produce Exchange, Oil Trades Association of N. Y.
Official Weighers, Inspectors and Samplers for the N. Y. Produce Exchange, the National Cottonseed Products Assn., the N. Y. Cocoa Exchange, Inc.
2 Broadway, New York Tel. BO. 9-0416

ANTI-KNOCK VALUE DETERMINATIONS
The Gray Industrial Laboratories
Chemists and Engineers
Specialists on Petroleum Products
961-975 Frelinghuysen Ave., Newark, N. J.
Telephone: BIgelow 3-4020

Hochstadter Laboratories, Inc.
Chemical Analyses, Consultants, Technical Experts, Investigations, Litigation.
Coals, Oils, Water, Foodstuffs, Gelatine, Beverages, Dairy Products, Confectionery, Drugs, Minerals, Textile Materials, etc.
Phone LOngacre 5-5260—5261.
254 West 31st Street **New York**

If Your Professional Card
were here others would be reading it now
Send for rates.
Oil, Paint and Drug Reporter
12 Gold Street, New York

DRAWBACK SPECIALISTS
We specialize in the collection of drawback refunds of duty or tax paid on materials used in the manufacture of products for export.
C. J. Holt & Co., Inc.
8-10 Bridge Street **New York, N. Y.**
Phone BOwling Green 9-6841

Knight, B. H.
Analytical and Consulting Chemist
50 East 41st Street **New York**
OFFICIAL ANALYST
U. S. Shellac Importers Assoc.
Am. Bleached Shellac Mfrs. Assoc.
American Gum Importers Assoc.

Laning Company, E. M., Inc.
Consulting Chemists
Specializing in Perfume, Toilet Preparations, Pharmaceuticals and Flavors Exclusively. Formulae Perfected. Problems Solved. Plants Equipped.
433 Stuyvesant Ave., Irvington, N. J. Phone ES.2-8433
E. M. Laning, B. Sc., President.
Robert C. Pursell, Phar. D., V-Pres.

Miel, George A.
Analytical & Consulting Chemists
Specializing in the:
Physical and Chemical Analysis of Paints, Varnishes, Shellacs, and materials of the Paint Industry.
Consultation on Formulation and Processing of Paints, Varnishes and Shellacs.
128 Water Street **HAnover 2-9096**

Orthmann Laboratories, Inc.
AUG. C. ORTHMANN, Director
Specialists in Leather and Allied Industries.
Consulting, Analytical and Research
547 W. Virginia Street, Milwaukee, Wis.

Schwarz Laboratories, Inc.
Analysts — Biologists — Consultants
BEVERAGES, EDIBLE OILS
ESSENTIAL OILS, FOODS, WATER
202 East 44th Street **New York, N. Y.**
Murray Hill 2-0007

Seil, Putt & Rusby, Inc.
H. A. Seil, Ph. D., Earl B. Putt, Ph. C., B. Sc.
SPR
Analytical and Consulting Chemists
Drugs, Spices, Essential Oils, Flavoring Extracts, Foods, Beverages.
Phone Ashland 4-4343.
16 East 34th St. **New York City**

Snell, Inc., Foster D.
Chemists—Engineers
Every form of chemical service.
305 Washington St. Brooklyn, N. Y.
215 N. Calvert St. Baltimore, Md.

Stillwell & Gladding Established 1868
Analytical and Consulting Chemists
Oils, Soaps, Fats, Paints, Varnishes, Drugs, Gums, Foods, Glycerine, Turpentine, Waxes, Spices, etc.
Member Association Consulting Chemists and Chemical Engineers
130 Cedar Street **New York**

Vorce, L. D.
Chemical Engineer
Electrolytic Cells
Chlorine, Caustic, Hydrogen.
20 Norman Road **Montclair, N. J.**
Telephone 2-4516

Weiss and Downs, Inc.
Chemical Engineers
Phthalic Anhydride Specialists
50 East 41st Street
New York City

Wiley & Co., Inc.
Analytical and Consulting Chemists
Specializing on analysis of beverages, fertilizers, phosphates, wood pulp, coal and coke, feeding materials, etc.
Calvert and Read Streets, Baltimore, Md.

well anticipated their needs for the coming seasons and there is very little business of this nature now in progress. Organic materials are also slow. Fish meal for one has lately been in very light demand, comparatively, considering the fact that seasonal production is now under way, although sellers have been taking on a few bookings from time to time. Blood and tankage are in light demand also.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $29 per ton; 200-pound bags, $28.30 per ton. Bulk lots, $27 per ton, all ex vessel San Francisco/Oakland.

SULPHATE OF AMMONIA.—Quoted at $32.50 per ton, f.o.b. cars in 100-pound bags, San Francisco and Los Angeles harbor and $33.50 per ton, delivered inland California points, excepting Imperial Valley and San Diego county. Latter points, $34.50 per ton. Prices in effect to end of June, 1938, and stocks are limited to Canadian offerings on the above prices.

AMMONIA PHOSPHATE.—Quoted at $41 per ton, single bags; $41.50 per ton, paper-lined bags, f.o.b. cars, San Francisco; basis 16 percent N., 20 percent P.A. Inland points, delivered, $1 per ton extra.

SUPERPHOSPHATE.—Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, nominally quoted at 90c. per unit in bags, c.i.f. Pacific Coast ports.

FISH MEAL.—California sardine meal for delivery from production out of present season, quoted on the basis of from $36.50 to $37 per ton, f.o.b. cars, San Francisco/Monterey.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted at $3.25 and 10c. per unit-ton, nominally, f.o.b. cars, Los Angeles. Dry rendered, ground, quoted at 75c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 60c.

BONE MEAL.—Domestic and imported steamed bone meal, quoted according to seller and quality, at $25 to $32 per ton, delivered Pacific Coast ports.

BLOOD MEAL.—Domestic quoted at $3.25 per unit, nominally, f.o.b. cars, Los Angeles.

P.C.A. RED MURIATE

Fix this company name and trade mark firmly in your mind. They distinguish the uniform, excellent quality muriate of potash of the distinctive red color found in the natural salts. They are your assurance of prompt service and complete satisfaction. Fill your present and future potash requirements with P. C. A. Red Muriate.

POTASH COMPANY of America
MERCANTILE TRUST BLDG., BALTIMORE, MD.
Southern Sales Office:
MORTGAGE GUARANTEE BLDG., ATLANTA, GA.

U. S. Wins Elk Hill Suit Point

The Government won a point in its fight to regain control of $10,000,000 worth of oil lands near the Elk Hill Reserve, when Federal Judge Yankwich, in Los Angeles, ruled August 25, that its suit is one of equity and not of law. As a result the trial will be before a Federal judge without a jury and confined to equity issues alone. Trial will be set for some time in October in Fresno, California.

Shipping Information

All matter under this head fully protected by copyright

Imports at U.S. Ports

New York Imports

ACID, COALTAR—6 dms, Merck & Co, Cavallo, Hull
CRESYLIC—47 dms, Merck & Co, Cavallo, Hull
25 dms, Capulin, Hull
20 dms, Monsanto Chem Co, Samaria, Liverpool
SOYBEAN OIL—1 pkg, Black Gull, Rotterdam
STEARIC—75 bgs, Binney & Smith Co, Volendam, Rotterdam
AGAR AGAR—5 bls, 5 cs, Peek & Velsor, Kimikawa, Kobe
28 bls, T M Duche & Sons, Tai Yang, Kobe
ALBUMEN, BLOOD — 13 cks, Morningstar-Nicol, Hansa, Hamburg
DUCK—77 cs, Paul A Dunkel & Co, Tokai, Hankow
EGG, HEN—28 cs, Bridges, Neumer Co, Nojima, Tientsin
112 cs, J Lowe Corp, Tokai, Shanghai
36 cs, D L Moss & Co, Tokai, Shanghai
56 pkgs, Consumers Import Co, Tokai, Tientsin
20 pkgs, D L Moss & Co, Kimikawa, Shanghai
ALMOND FLOUR—20 cs, Exeter, Marseilles
ALUM—100 cks, American Cyanamid & Chem Co, Cavallo, Hull
AMMONIA CARBONATE—15 cs, 2 dms, American British Chem Supplies, Cameronia
PERCHLORATE—23 kgs, International Selling Corp, Vincent, Havre
ANGELICA ROOT—1 cs, Park & Tilford, Georgic, London
ANTIMONY—17 cks, Stanley Fullwood, Cavallo, Newcastle
REGULUS—250 cs, Harshaw Chem Co, Tokai, Shanghai
ARROWROOT—900 bbls, 400 bgs, Morningstar-Nicol, Gunoor, St Vincent
ASBESTOS—1,000 bgs, Johns-Manville Corp, Sagadahoc, Capetown
7,488 bgs, Amtorg Trading Corp, Voroshilor, Leningrad
ASPHALT—341 bgs, A V Berner & Co, Siboney, Havana
BABASSU KERNELS—5 bgs, Clement, Para
BARIUM CHLORATE—60 kegs, International Selling Corp, Vincent, Havre
BAY RUM—12 cs, J H Rodriguez, Borinquen, San Juan
2 dms, Antonio Cajicas, San Juan, San Juan
BERRIES, MEDICINAL—14 bgs, Hansa, Hamburg
BONE MEAL—2,500 bgs, Chase National Bank, Voroshilor, Leningrad
BRISTLES—35 cs, Bank of London, South America, Tai Yang, Chungking
100 cs, H Rosenhirsch Co, Tai Yang, Chungking
55 cs, Tradesmen National Bank, Tai Yang, Tsingtao
55 cs, N Wagman & Co, Tai Yang, Tsingtao
100 cs, F H Cone & Co, Tai Yang, Shanghai
83 cs, F H Cone & Co, Tai Yang, Tsingtao
560 cs, F H Cone & Co, Tai Yang, Chungking
4 cs, Public National Bank, Nojima, Shanghai
25 cs, National City Bank, Nojima, Shanghai
50 cs, Bank of London, South America, Nojima, Hankow
50 cs, Public National Bank, Nojima, Hankow
25 cs, National City Bank, Nojima, Shanghai
50 cs, Chase National Bank, Nojima, Shanghai
25 cs, Bank of Manhattan, Nojima, Shanghai
40 cs, Guaranty Trust Co, Nojima, Tsingtao
110 cs, National City Bank, Nojima, Mukden
20 cs, Corn Exchange Bank, Nojima, Tientsin
1 cs, M Broverman & Son, American Banker, London
14 cs, Chesnut, Cooper & Co, American Banker, London
15 cs, American Banker, London
50 cs, H Rosenhirsch & Co, Tokai, Shanghai
120 cs, S Hirshenhorn & Son, Tokai, Hankow
28 cs, S Hirshenhorn & Son, Tokai, Harbin
52 cs, N Wagman Co, Tokai, Harbin
3 cs, F H Cone & Co, Tokai, Mukden
185 cs, H Rosenhirsch & Co, Tokai, Tientsin
121 cs, S Hirshenhorn & Son, Tokai, Tientsin
110 cs, F W Von Stade, Tokai, Tientsin
52 cs, Guaranty Trust Co, Tokai, Tientsin
5 cs, M R Ziegler, Tokai, Tientsin
431 cs, F H Cone & Co, Tokai, Tientsin
75 cs, Bank of London, South America, Kimikawa, Shanghai
60 cs, A Hurst & Co, Kimikawa, Hankow
10 pkgs, Draeger Shipping Co, Aquitania, Southampton
1 cs, H Rosenhirsch & Co, Tai Yang, Shanghai
BRONZE POWDER—12 cs, 20 pkgs, Herbert Feist, Hansa, Hamburg
35 dms, 1 cs, T D Downing & Co, St Louis, Hamburg
10 cs, Hamilton Forwarding Co, Columbus, Bremen
CAMPHOR, CRUDE—500 cs, Mitsui & Co, Nojima, Keelung
CARAWAY SEED—150 bgs, 16,500 lbs, Levy & Levis Co, Black Gull, Rotterdam
CARBON, POWD—20 cs, Morganite Brush Co, American Banker, London
CASEIN — 417 bgs, American British Chem Supplies, Western Prince, Buenos Aires
CASSIA—898 bls, Knickerbocker Mills Co, Nojima, Hongkong
200 bls, Nojima, Hongkong
500 bls, National City Bank, Nojima, Canton
150 bls, Wah Young & Co, Tai Yang, Hongkong
60 pkgs, H P Winter & Co, Tabian, Padang
BARK—1 cs, Park & Tilford, Georgic, London
BUDS—40 cs, Knickerbocker Mills Co, Nojima, Hongkong
QUILLS—150 bls, I Harrison & Whitney, Tai Yang, Hongkong
ROLLS—598 bls, Nojima, Hongkong
50 bls, National City Bank, Nojima, Hongkong
VERA—150 pkgs, J F Frank, Irisbank, Batavia
129 pkgs, Van Loan & Co, Irisbank, Batavia
92 pkgs, J F Frank, Irisbank, Padang
CASTOR BEAN—1,733 bgs, Western Prince, Rio de Janeiro
1,700 bgs, Clement, Pernambuco
CELERY SEED—20 bgs, Knickerbocker Mills Co, Exeter, Marseilles
CHALK, BLOCK — 1,025,000 kilos, Taintor Trading Co, Vincent, Dunkirk
COMMON — 1,600 bgs, R L Watkins Co, Georgic, London
PRECIPITATED — 2,000 bgs, Colgate-Palmolive-Peet Co, Cavallo, Hull
100 cks, H J Baker & Bros, Samaria, Liverpool
CHAMOIS—2 cs, Chase Natl Bank, President Roosevelt, Havre
CHEMICALS — 20 cs, E I du Pont de Nemours & Co, Hansa, Hamburg
17 cks, 350 bgs, 240 crbys, Hansa, Hamburg
1,016 bgs, Advance Solvents & Chem Co, Hansa, Hamburg
18 cks, Hansa, Hamburg
10 cs, American Cyanamid & Chem Co, Hansa, Hamburg
11 cs, Schimmel & Co, Hansa, Hamburg
19 bbls, National City Bank, Hansa, Hamburg
1 cs, Allondon S A, Hansa, Hamburg
61 bbls, 5 kgs, 1 cs, P C Kuyper & Co, Hansa, Hamburg
30 cs, 1 ck, Jungmann & Co, Hansa, Hamburg
706 bgs, Hansa, Hamburg
2 bbls, Heemsoth, Kerner Corp, Hansa, Hamburg
10 bbls, Fezandie & Sperrie, Hansa, Hamburg
2 cs, Pfaltz & Bauer, Hansa, Hamburg
4 cs, Burroughs-Wellcome & Co, American Banker, London
1 cs, E Fougera & Co, American Banker, London
11 pkgs, Hoffman-La Roche, Normandie, Havre
3 pkgs, Ciba Co, Normandie, Havre
1 cs, Radium Chem Co, Normandie, Havre
6 cs, E Fougera & Co, Normandie, Havre
140 bgs, Schofield-Donald Co, Cameronia, Glasgow
450 cks, 996 bgs, Pennland, Antwerp
2 dms, E I du Pont de Nemours & Co, Samaria, Liverpool
4 pkgs, Wedeman & Godknech, St Louis, Hamburg
50 cks, Cuno-Sievers, St Louis, Hamburg
150 cks, C J Osborn & Co, St Louis, Hamburg
4 crbys, 4 cks, 1 kg, 5 dms, Pfaltz & Bauer, St Louis, Hamburg
52 dms, 13 cks, St Louis, Hamburg
20 cks, Industrial Sales Corp, Emile Francqui, Antwerp
50 cks, Jungmann & Co, Volendam, Rotterdam
9 cks, A Hurst & Co, Volendam, Rotterdam
14 cs, Merck & Co, Volendam, Rotterdam
67 cks, 7 dms, Black Gull, Rotterdam
20 cks, Philip Bauer Co, Black Gull, Rotterdam
32 cks, American Cyanamid & Chem Co, Black Gull, Rotterdam
140 cks, H S Dorf & Co, Black Gull, Antwerp
65 dms, Black Gull, Antwerp
25 cks, Industrial Sales Corp, Black Gull, Antwerp
10 cs, 211 dms, 50 cks, 45 bbls, African Metals Corp, Black Gull, Antwerp
50 cs, Bergstrom Trading Co, Columbus, Bremen
CHINA CLAY—30 kgs, E Fougera & Co, American Banker, London
50 cs, Meadows, Wye & Co, Georgic, London
260 bgs, Whittaker, Clark & Daniels, Samaria, Liverpool
CHROME ORE—6,500 tons, E J Lavino & Co, Dundrum Castle, Beira
3,003 tons, 0 cwts, 8 lbs, Lavino & Co, Sagadahoc, Beira
CINNABAR—14 bbls, A Hurst & Co, Exeter, Leghorn
CLAY—60 cks, St Louis, Hamburg
COALTAR INTERMEDIATES—1 ck, 3 pkgs, General Dyestuff Corp, Hansa, Hamburg
8 cks, 3 cs, General Dyestuff Corp, St Louis, Hamburg
5 cks, General Aniline Works, Black Gull, Rotterdam
PRODUCT—5 cs, Allondon S A, Hansa, Hamburg
COBALT METAL—30 kgs, Central Trading Corp, Scanyork, Kotka
50 cks, Central Trading Corp, Pennland, Antwerp
SILICATE—7 cks, Columbus, Bremen
COCOA BEANS—256 bgs, Comp Franc de l'Afrique, Zarembo, Cape Coast
365 bgs, Comp Franc de l'Afrique, Zarembo, Takoradi
362 bgs, Comp Franc de l'Afrique, Zarembo, Accra
429 bgs, Standard Bank South Africa, Zarembo, Accra
21,600 bgs, Balfour, Guthrie & Co, Zarembo, Accra
1,563 bgs, Balfour, Guthrie & Co, Zarembo, Saltpond
3,237 bgs, Balfour, Guthrie & Co, Zarembo, Cape Coast
150 bgs, Fruit Dispatch Co, Veragua, Port Limon
516 bgs, Fruit Dispatch Co, Veragua, Havana
200 bgs, Machado & Co, Lara, La Guaira
375 bgs, Middleton & Co, Gunvor, Port Spain
1,500 bgs, Gunvor, Port Spain
200 bgs, Pablo, Calvet & Co, Cristobal, Cristobal
400 bgs, Wessel, Kulenkampf & Co, Almena, Trujillo
300 bgs, Almena, Macoris
500 bgs, Wessel, Kulenkampf & Co, Almena, Sanchez
200 bgs, Schutte & Focke, Almena, Sanchez
692 bgs, Gillespie & Co, Almena, Sanchez
1,531 bgs, Curacao Trading Co, Almena, Sanchez
1,100 bgs, Machado & Co, Almena, Sanchez
38 bgs, Porcella ,Vicini & Co, Almena, Puerto Plata
25 bgs, Porcella, Vicini & Co, Almena, Sanchez
60 bgs, Royal Bank of Canada, Almena, Puerto Plata
751 bgs, Western Prince, Port Spain
170 bgs, Clement, Para
COCONUTS — 395 bgs, 39,500 lbs, Standard Fruit S S Co, Atlantida, La Ceiba
341 bgs, 34,100 lbs, Universal Import & Export Co, Haiti, Kingston
200 bgs, 20,000 lbs, G W Cole & Co, Haiti, Kingston
1,137 bgs, 113,700 lbs, General Foods Corp, Haiti, Kingston
500 bgs, 50,000 lbs, General Foods Corp, Cristobal, Cristobal
COCONUTS—1,000 bgs, 10,000 lbs, I L Toledano Corp, Cristobal, Cristobal
38 bgs, 3,800 lbs, Porto Rica Exchange, Borinquen, San Juan
53 bgs, 5,300 lbs, Simons & French, Borinquen, San Juan
40 bgs, 4,000 lbs, J E Garcia, Borinquen, San Juan
200 bgs, 20,000 lbs, Far Eastern Mfg Co, Angelina, Mayaguez
31 bgs, 3,100 lbs, General Foods Corp, Angelina, Mayaguez
754 bgs, 75,400 lbs, General Foods Corp, Angelina, Arroyo
760 bgs, 76,900 lbs, General Foods Corp, Angelina, San Juan
100 bgs, 10,000 lbs, Coelho Bros, Angelina, San Juan
42 bgs, 4,200 lbs, Universal Import & Export Co, Angelina, San Juan
COCONUT, DESIC — 100 cs, Dodwell & Co, Javanese Prince, Manila
1,902 cs, Philippine Desic Coconut Corp, Tai Yang, Zamboanga
1,399 cs, 312 crtns, Durkee Famous Foods, Tai Yang, Manila
4,500 cs, General Foods Corp, Tai Yang, Manila
841 cs, Balfour, Guthrie & Co, Tai Yang, Manila
618 cs, Durkee Famous Foods, Tai Yang, Manila
600 cs, Dodwell & Co, Tai Yang, Manila
COLOCYNTH—26 bls, 2,266 lbs, Mahout, Port Said
COLORS—28 cks, Fulton Dye Import Co, President Roosevelt, Havre
1 cs, E H Friedrichs, Emile Francqui, Antwerp
CADMIUM—4 dms, Hensel, Bruckmann & Lorbacher, Hansa, Hamburg
EARTH — 29 cks, American Dyewood Co, Hansa, Hamburg
3 bbls, Fezandie & Sperrie, Hansa, Hamburg
26 cks, Reichard-Coulston, St Louis, Hamburg
MINERAL—224 bgs, Landers Segal Color Co, Georgic, London
COPAIBA BALSAM—13 cs, 1,300 lbs, C E Griffin & Co, Santa Lucia, San Juan del Sur
60 cs, Geo Uhe Co, Clement, Para
CORIANDER SEED—250 bgs, P H Petry & Co, Exeter, Marseilles
CORKWOOD—161 bls, Belvedere, Palermo
CORNSILK—25 bls, 4,620 lbs, Peek & Velsor, Belvedere, Genoa
CRACKLINGS—1,508 bgs, Nordkeep, Buenos Aires
CRESOL—20 kgs, 4 dms, Monsanto Chem Co, Samaria, Liverpool
CRYOLITE—1,000 bgs, 222,200 lbs, Pennsylvania Salt Mfg Co, President Roosevelt, Hamburg
CUMIN SEED—264 bgs, S B Penick & Co, Exeter, Marseilles
86 bgs, P H Petry & Co, Exeter, Marseilles
DRUGS—1 cs, National Carloading Co, Hansa, Hamburg
DYES, ANILIN—41 cks, 1 pkg, General Dyestuff Corp, Hansa, Hamburg
148 pkgs, Ciba Co, Normandie, Havre
5 cks, Geigy Co, Samaria, Liverpool
16 cks, 1 pkg, General Dyestuff Corp, St Louis, Hamburg
EARTH, WROUGHT—200 bgs, 33,000 lbs, Whittaker, Clark & Daniels, St Louis, Hamburg
EGG YOLK, HEN—168 cs, Stein, Hall & Co, Nojima, Tientsin
56 cs, Importers Com Co, Nojima, Tientsin
112 cs, Stein, Hall & Co, Nojima, Tientsin
112 cs, Consumers' Import Co, Nojima, Tientsin
127 cs, D L Moss & Co, Tokai, Shanghai
336 cs, J Lowe & Co, Tokai, Tientsin
5 cs, Tokai, Tientsin
84 cs, Stein, Hall & Co, Tokai, Tientsin
110 cs, D L Moss & Co, Kimikawa, Shanghai
56 cs, Consumers' Import Co, Kimikawa, Tientsin
EPSOM SALT—150 bgs, 33,000 lbs, St Louis, Hamburg
ERGOT—40 cs, 5,583 lbs, S B Penick & Co, President Roosevelt, Hamburg
60 cs, 8,375 lbs, St Louis, Hamburg
FAT, VEGETABLE—6 kgs, E Fougera & Co, American Banker, London
FENUGREEK SEED—50 bgs, P H Petry & Co, Exeter, Marseilles
FILTER, MASS—1 cs, Aug Giese & Son, Hansa, Hamburg
100 bls, A W Fenton & Co, Columbus, Bremen
PAPER—25 cs, Hansa, Hamburg
15 cs, H Reeve, Angel & Co, Georgic, London
FISH LIVERS, FROZEN—500 tins, S B Penick & Co, Arimasan, Yokohama
FLAXSEED—508,000 kilos, 20,320 bus, L Dreyfus, Nordkap, Buenos Aires
507,055 kilos, 20,282 bus, Nordkap, Buenos Aires
1,254 tons, 50,160 bus, Bunge North American Grain Co, Western Prince, Buenos Aires
2,996 bgs, 6,591 bus, Bunge North American Grain Co, Western Prince, Buenos Aires
FLEASEED—200 bgs, R J Prentiss & Co, Exeter, Marseilles
100 bgs, Guaranty Trust Co, Exeter, Marseilles
FORMALDEHYDE SODA, HYDROSULPHITE —50 kgs, Philipp Bros, Samaria, Liverpool
FULLER'S EARTH — 200 bgs, 44,000 lbs, L A Salomon & Bros, Georgic, London
GAMBIER — 204 bgs, E E Androvette, Eurylochus, Singapore
340 cs, American Dyewood Co, Irisbank, Belawan Deli
712 cs, Irisbank, Singapore
600 bgs, American Dyewood Co, Eurylochus, Singapore
425 bgs, Eurylochus, Singapore
GELATIN—25 cs, Dingelstedt & Co, Hansa, Hamburg
10 bgs, T M Duche & Sons, Samaria, Liverpool
12 cs, L A Consmiller, Volendam, Rotterdam
100 bls, L H Lang, G Van Gelder, Exeter, Marseilles
POWDER—8 bbls, International Selling Corp, Pennland, Antwerp
70 bgs, R D McLellan, Volendam, Rotterdam
GINGER ROOT—200 bgs, Balfour, Guthrie & Co, Zarembo, Freetown
112 bgs, Mincing Corp, Haiti, Kingston
100 bgs, Samaria, Liverpool
195 bgs, Barclay Bank, Toloa, Kingston
GLASS, PLATE—12 cs, Bienenfeld Import Co, Black Gull, Antwerp
4 cs, Semon, Bache & Co, Black Gull, Antwerp
WINDOW—12 cs, Leo Popper & Sons, Hansa, Hamburg
GLASS, WINDOW—35 cs, Semon, Bache & Co, President Roosevelt, Hamburg
1,526 cs, Vitrea Co, President Roosevelt, Hamburg
25 cs, J Rusin, Emile Francqui, Antwerp
13 cs, Semon, Bache & Co, Black Gull, Antwerp
GLUE, MARINE—9 dms, L W Ferdinand & Co, American Banker, London
GLYCERIN—20 dms, Colgate-Palmolive-Peet Co, Emile Francqui, Antwerp
41 dms, Black Gull, Rotterdam
GRAPHITE—700 bgs, J F Starkey & Co, Nojima, Moji
GREASE, WOOL—25 dms, 24 bbls, 20 cks, 1 cs, Pfaltz & Bauer, Columbus, Bremen
GUAPI BARK—31 bls, E Mosheim, Hansa, Hamburg
GUM—15 pkgs, Chicle Development Co, Gunvor, Port Spain
ARABIC—150 bgs, T M Duche & Sons, New Orleans, Port Said
CHICLE—394 bls, Mexican Exploitation Co, Siboney, Vera Cruz
COPAL — 160 bgs, France, Campbell & Darling, Tai Yang, Manila
108 cs, O G Innes Corp, Tabian, Amboina
269 bgs, O G Innes Corp, Tabian, Macassar
DAMMAR—700 cs, Thurston & Braidich, Irisbank, Batavia
300 cs, O G Innes Corp, Tabian, Batavia
100 cs, Stroock & Wittenberg, Tabian, Batavia
LOCUST BEAN—60 bgs, Samaria, Liverpool
PERILLA—33 bls, Chicle Development Co, Santa Lucia, Cristobal
RED—70 bgs, Red Hand Composition Co, American Banker, London
TRAGACANTH—10 cs, American Banker, London
GYPSUM—6,125 tons, U S Gypsum Co, Gypsum Empress, Windsor
2,000 tons, National Gypsum Co, Keret, Chrticamp
6,100 tons, U S Gypsum Co, Gypsum Prince, Windsor
GROUND—300 bgs, Hammill & Gillespie, Cavallo, Hull
3 bgs, Whittaker, Clark & Daniels, Cavallo, Hull
HEMATITE AND MAGNETITE—11,000 tons, Bethlehem Steel Co, Santore, Daiquiri
HERBS, MEDICINAL—12 cs, 10 bgs, Knickerbocker Mills Co, Hansa, Hamburg
50 bls, Hansa, Hamburg
HUCKLEBERRIES—13 bgs, J L Hopkins & Co, Hansa, Hamburg
IPECAC ROOT—7 bgs, N Brandon & Co, Veragua, Puerto Limon
10 bgs, C E Griffin, Haiti, Cristobal
IRON, ORE—1,850 tons, Bethlehem Steel Co, Firmore, Cruz Grande
78 dms, 200 bgs, Reichard-Coulston, Samaria, Liverpool
OXIDE—60 cks, J Lee Smith & Co, Cavallo, Hull
40 cks, J A McNulty, Samaria, Liverpool
5 cks, T H Deutz, Samaria, Liverpool
10 cks, C B Chrystal & Co, Samaria, Liverpool
SULPHITE — 1 cs, African Metals Corp, Emile Francqui, Antwerp
JALAP ROOT—28 bls, Siboney, Vera Cruz
JUNIPER BERRIES—8 bgs, Park & Tilford, Georgic, London
KOLA NUTS—22 bgs, J A Manton, Haiti, Kingston
50 bgs, D Steengrafe, Haiti, Kingston
120 bgs, Barclay Bank, Toloa, Kingston
LEAVES, MEDICINAL—14 bgs, Exeter, Marseilles, Leningrad
271 bls, Amtorg Trading Co, Voroshilov, Leningrad
LICORICE PASTE—200 cs, J Cristian, Black Gull, Antwerp
ROOT—28 cs, J Cristian, Black Gull, Antwerp
117 bgs, Amtorg Trading Corp, Voroshilov, Leningrad
LIME JUICE—20 cs, L Rose & Co, Georgic, London
LITHIUM, CARBONATE—5 cks, Hansa, Hamburg
MACE—16 cs, J F Frank, Irisbank, Batavia
8 cs, Catz American Co, Tabian, Amboina
33 cs, Catz American Co, Tabian, Banda
MAGNESIA, CALCINED—10 cks, Schofield Donald Co, Samaria, Liverpool
CARBONATE—20 cks, Schofield Donald Co, Samaria, Liverpool
MANGROVE BARK EXTRACT—5,130 bgs, Philippine Cutch Corp, Tai Yang, Zamboanga
MANIOC MEAL—2,174 bgs, Chase Natl Bank, Tabian, Semarang
1,350 bgs, Sino Java Handel, Tabian, Semarang
MANNA—25 cs, Belvedere, Palermo
MATCHES, SAFETY—1,000 crtns, N Y Match Co, Gripsholm, Gothenburg
500 cs, National City Bank, President Roosevelt, Hamburg
125 cs, Pennland, Antwerp
10,000 cs, Amtorg Trading Corp, Voroshelov, Leningrad
MENTHOL—1 cs, Allondon S A, Hansa, Hamburg
30 cs, Bridges, Neumer & Co, Nojima, Kobe
25 cs, C L Huisking & Co, Kimikawa, Kobe
MICA—11 cs, American Banker, London
50 cs, E D Pitts, Western Prince, Buenos Aires
23 cs, O Gerdau Co, Western Prince, Rio de Janeiro
20 cs, E D Pitts, Western Prince, Rio de Janeiro
2 cs, National City Bank, Western Prince, Rio de Janeiro
BLOCK—27 cs, Mahout, Calcutta
5 cs, Philadelphia National Bank, City of Guildford, Calcutta
206 cs, City of Guildford, Calcutta
18 cs, Guaranty Trust Co, Mahout, Calcutta
CONDENSERS—4 cs, Philadelphia National Bank, City of Guildford, Calcutta
11 cs, City of Guildford, Calcutta
DISCS—6 cs, Gillespie-Rogers-Pyatt Co, City of Guildford, Calcutta
6 cs, City of Guildford, Calcutta
FILM—15 cs, City of Guildford, Calcutta
SPLITTINGS—100 cs, Irving Trust Co, City of Guildford, Calcutta
220 cs, Schoomaker Insulation Co, City of Guildford, Calcutta
723 cs, General Electric Co, City of Guildford, Calcutta
32 cs, Philadelphia National Bank, City of Guildford, Calcutta
107 cs, Gillespie-Rogers-Pyatt Co, City of Guildford, Calcutta
595 cs, City of Guildford, Calcutta
136 cs, Guaranty Trust Co, Mahout, Calcutta
180 cs, Gillespie-Rogers-Pyatt Co, Mahout, Calcutta
80 cs, General Electric Co, Bayard, London
WASTE—767 cs, City of Guildford, Calcutta
MUD, MINERAL — 110 bgs, Leonhardt & Brush, Saturnia, Trieste

MUSTARD SEED—150 bgs, President Roosevelt, Hamburg
MYROBALANS — 1,200 bgs, Guaranty Trust Co, New Orleans, Bombay
3,200 bgs, National City Bank, New Orleans, Bombay
10,071 bgs, National City Bank, Mahout, Calcutta
EXTRACT—322 bgs, 16 tons, 2 cwt, International Product Co, Capulin, Hull
NAPHTHALENE — 960 bgs, F B Bertrand, Sagadahoc, Durban
250 bgs, F B Bertrand, Capulin, Hull
8,000 bgs, Calco Chem Co, Voroshilov, Leningrad
NUTMEGS—100 bgs, Middleton & Co, Gunvor, Grenada
50 bgs, B H Old & Co, Gunvor, Grenada
343 bgs, Irisbank, Batavia
262 bgs, Dodge & Olcott Co, Irisbank, Batavia
32 bgs, Roesling, Monroe & Co, Tabian, Menado
90 bgs, Catz American Co, Tabian, Banda
75 bgs, H P Winter & Co, Tabian, Padang
80 bgs, Tabian, Padang
NUTS, NON EDIBLE—112 bgs, Hansa, Hamburg
OCHER—224 bgs, Reichard Coulston, Sa-maria, Liverpool
72 cks, Reichard Coulston, Exeter, Marseilles
65 cks, C K Williams & Co, Exeter, Marseilles
80 cks, Scott L Libby Corp, Exeter, Marseilles
OIL, ALMOND—25 cs, Ungerer & Co, Exeter, Marseilles
20 cs, Geo Luecders & Co, Exeter, Marseilles
ANISE—5 dms, Nojima, Hongkong
BABASSU—1 pkg, Tropical Chem Co, Clement, Para
BAY—15 cs, D Steengrafe, Angelina, Arroyo
15 cs, Geo Luecders & Co, Angelina, Arroyo
CAMPHOR—10 dms, Bank of Manhattan, Nojima, Keelung
15 dms, Chase Natl Bank, Nojima, Tientsin
5 dms, Nojima, Tientsin
17 bgs, Magnus, Mabee & Reynard, Kimikawa, Yokohama
10 dms, Givaudan-Delawanna, Tai Yang, Yokohama
CASSIA—10 dms, Dodge & Olcott Co, Nojima, Hongkong
CHINAWOOD—643 tons, National City Bank, Nojima, Hankow
112 dms, Bingham & Co, Irisbank, Hankow
92 tons, Balfour, Guthrie & Co, Irisbank, Hankow
CITRONELLA—16 dms, Lo Curto & Funk, Tabian, Batavia
COD—312 dms, Hansa, Hamburg
500 cks, Balfour, Guthrie & Co, President Roosevelt, Hamburg
CODLIVER—100 dms, C T Smith Co, President Roosevelt, Hamburg
300 dms, National Oil Prod Co, Cavallo, Hull
1,082 dms, Brown Bros-Harriman Co, Cavallo, Hull
271 dms, Cavallo, Hull
CORN—250 dms, Corn Product Refining Co, Hansa, Hamburg
250 dms, Corn Product Refining Co, President Roosevelt, Hamburg
210 dms, Corn Product Refining Co, Cameronia, Glasgow
COTTONSEED—300 tons, Mitsui & Co, Tokai, Hankow
ESSENTIAL — 3 cs, President Roosevelt, Havre
1 dm, American Banker, London
1 cs, Georgic, London
10 cs, Normandie, Havre
10 cs, Volendam, Rotterdam
3 dms, Toloa, Kingston
23 pkgs, Exeter, Marseilles
EUCALYPTUS — 10 dms, Chase National Bank, Nojima, Tientsin
FISH LIVER—73 dms, S Emy, Kimikawa, Yokohama
FUEL—110,000 bbls, Standard Oil Co of N J, Standard, Aruba
83,780 bbls, Asiatic Petroleum Corp, Winamac, Curacao
66,972 bbls, Standard Oil Co of N J, Clydefield, Aruba
52,586 bbls, Asiatic Petroleum Corp, San Ubaldo, Porto Mexico
67,818 bbls, Standard Oil Co of N J, Norfold, Aruba
65,000 bbls, Standard Oil Co of N J, Paul H Harwood, Aruba
77,000 bbls, Standard Oil Co of N J, Norbis, Aruba
FUSEL—14 dms, C P Chemical Solvent Co, San Juan, San Juan
LAVENDER—14 cs, Tombarel Product Co, Exeter, Marseilles
LEMON—7 cs, Wells Fargo & Co Express, Siboney, Vera Cruz
LIME—3 cs, Hoffman Beverage Co, Georgic, London
LUBRICATING—6 bbls, C T Bowring & Co, American Banker, London
56 dms, W L Newberry, Georgic, London
MINERAL—100 dms, Hansa, Hamburg
OITICICA—550 dms, Lafayette Natl Bank, Pennland, Antwerp
OLIVE—355 cs, Belvedere, Leghorn
20 dms, Mallars & Co, Exeter, Leghorn
40 cs, Exeter, Leghorn
710 cs, Exeter, Genoa
PALM—1,258 tons, Balfour, Guthrie & Co, Zarembo, Matadi
670 tons, Van Leeuwen Boomkamp & Co, Tabian, Belawan Deli
985 tons, Tabian, Belawan Deli
10 dms, Balfour, Guthrie & Co, Black Gull, Rotterdam
PALMKERNEL—50 dms, Black Gull, Rotterdam
2,532 tons, Biscaya, Harburg
PATCHOULI—26 cs, Irisbank, Singapore
PERILLA—Quantity, Mitsui & Co, Kimikawa, Kobe
RAPESEED—288 tons, Nojima, Osaka
RESIDUE — 25 bbls, Victory Shipping Co, President Roosevelt, Hamburg
78 dms, Samaria, Liverpool
RICE BRAN—103 dms, W R Grace & Co, Tai Yang, Kobe
ROSEWOOD—50 dms, Clement, Para
SEAL—33 cks, Bowring & Co, Fort Amherst, St Johns

OIL, SOYBEAN—Quantity, Mitsui & Co, Kimikawa, Kobe
SPERM—6 bbls, Cameronia, Glasgow
SPERMACETTI—5 cs, Robinson-Wagner Co, Cavallo, Hull
TEASEED—100 dms, Bank of Manhattan, Nojima, Hongkong
134 tons, Balfour, Guthrie & Co, Irisbank, Hankow
100 dms, East Asiatic Co, Kimikawa, Shanghai
100 dms, W R Grace & Co, Kimikawa, Shanghai
PAPAIN—11 cs, American Banker, London
PAPRIKA—100 bgs, Knickerbocker Mills Co, Hansa, Hamburg
15 bgs, Schenker & Co, President Roosevelt, Hamburg
40 bgs, Avery F Payne, President Roosevelt, Hamburg
PARAFFIN—1,016 bgs, Standard Oil Co of N J, Irisbank, Palembang
3,200 bgs, Asiatic Petroleum Corp, Tabian, Balikpapan
500 bgs, Tabian, Balikpapan
PEATMOSS — 1,815 bls, 100 blf bls, Premier Peatmoss Corp, Scanyork, Gdynia
350 bls, 200 bgs, New Amsterdam Import & Supply Co, Bayard, Glasgow
900 bls, Half Moon Mfg & Trading Co, Black Gull, Rotterdam
1,334 bls, Voroshilov, Leningrad
PEPPER, BLACK — 60 bgs, Tabian, Batavia
PETROLEUM, CRUDE — 49,032 bbls, Warner-Quinlan Co, Ranvik, Las Piedras
64,882 bbls, Gulf Oil Corp, Senator, Las Piedras
2,909,172 gls, Standard Oil Co of N J, Scottish Strath, Guira
67,287 bbls, Warner-Quinlan Co, Cymbeline, Tampico
DERIVATIVE — 50 dms, St Louis, Hamburg
PHOSPHORUS, RED—15 cs, C W Campbell Co, Tai Yang, Kobe
PIMENTO—100 bgs, B H Old & Co, Haiti, Kingston
PITCH, STEARIN—35 bbls, 374 dms, A V Berner & Co, Cavallo, Hull
158 dms, J J Gavin, Cavallo, Hull
50 dms, Leith Mfg Co, Cavallo, Hull
POPPYSEED—100 bgs, 11,000 lbs, Levy & Levis Co, Volendam, Rotterdam
POTASH, CHLORATE—1,160 cks, 286,589 lbs, Uniform Chem Prod Co, Hansa, Hamburg
20 cks, 2,472 lbs, Bergstrom Trading Co, Hansa, Hamburg
160 kgs, International Selling Corp, Vincent, Havre
CYANIDE—68 cs, 14,040 lbs, E I Du Pont de Nemours & Co, Hansa, Hamburg
200 dms, C Hardy, Emile Francqui, Antwerp
PERCHLORATE—200 cs, 49,544 lbs, Robinson, Wagner Co, Black Gull, Rotterdam
SULPHATE—30 bgs, N V Potash Export Mij, Hansa, Hamburg
PYRETHRUM FLOWERS—125 bls, Sagadahoc, Mombasa
125 bls, Sherwood Petroleum Co, Kimikawa, Kobe
75 bls, Guaranty Trust Co, Kimikawa, Kobe
375 bls, J Powell & Co, Kimikawa, Kobe
75 bls, Dodwell & Co, Tai Yang, Kobe
QUEBRACHO EXTRACT—1,130 bgs, International Product Corp, Western Prince, Buenos Aires
QUICKSILVER—80 flasks, Siboney, Vera Cruz
295 flasks, Exeter, Leghorn
RAPESEED—150 bgs, Wagner Bros Feed Co, Volendam, Rotterdam
50 bgs, Levy & Levis Co, Volendam, Rotterdam
110 bgs, A G Dunn, Black Gull, Rotterdam
RESIN—4 cs, Clement, Para
RHUBARB—24 cs, R J Prentiss & Co, Tokai, Shanghai
15 cs, Melchers, Inc, Tai Yang, Shanghai
ROOT, MEDICINAL—50 bgs, Amtorg Trading Corp, Voroshilor, Leningrad
SAGO FLOUR—800 bgs, W R Grace & Co, Irisbank, Singapore
SANDALWOOD—959 bgs, Norton, Lilly & Co, City of Guildford, Madras
SARDINE MEAL—2,000 bgs, Aghcraft Wilkinson Co, Tai Yang, Kobe
4,000 bgs, Mitsubishi-Shoji-Kaisha, Tai Yang, Kobe
SEED, MEDICINAL—9 bgs, R D Hines, Hansa, Hamburg
SESAME SEED—35 bgs, Wah Young Co, Tai Yang, Hongkong
SHELLAC—45 cs, A Hurst & Co, Hansa, Hamburg
600 bgs, Guaranty Trust Co, City of Guildford, Calcutta
100 bgs, Guildford, Calcutta
100 bgs, E E Androvette, Mahout, Calcutta
225 bgs, Wm Zinsser & Co, Mahout, Calcutta
150 bgs, Guaranty Trust Co, Mahout, Calcutta
200 bgs, National City Bank, Mahout, Calcutta
130 bgs, Chase Natl Bank, Mahout, Calcutta
300 bgs, Argenti & Co, Mahout, Calcutta
270 bgs, Wm Zinsser & Co, Georgic, London
GARNET LAC—50 bgs, Argenti & Co, Mahout, Calcutta
SEEDLAC—200 bgs, Wm Zinsser & Co, New Orleans, Calcutta
550 bgs, Alfred Kramer & Co, New Orleans, Calcutta
200 bgs, New Orleans, Calcutta
400 bgs, Guaranty Trust Co, City of Guildford, Calcutta
200 bgs, Mantrose Corp, City of Guildford, Calcutta
500 bgs, Wm Zinsser & Co, City of Guildford, Calcutta
1,050 bgs, Philadelphia Natl Bank, City of Guildford, Calcutta
100 bgs, Brown Bros, Harriman Co, Mahout, Calcutta
400 bgs, Guaranty Trust Co, Mahout, Calcutta
250 bgs, Chase Natl Bank, Mahout, Calcutta
400 bgs, Argenti & Co, Mahout, Calcutta
750 bgs, Argenti & Co, City of Guildford, Calcutta
400 bgs, Alfred Kramer & Co, City of Guildford, Calcutta
500 bgs, City of Guildford, Calcutta
SHOEMAKER PASTE—20 bbls, Hansa, Hamburg
20 bbls, St Louis, Hamburg
SIENNA—200 bgs, 44,000 lbs, Belvedere, Leghorn
100 bgs, Reichard-Coulston, Exeter, Leghorn
31 bbls, Whittaker, Clark & Daniels, Exeter, Leghorn
55 bgs, Exeter, Leghorn
SILICA SCRAP—8 cks, Lunham & Reeve, Cavallo, Newcastle
SOAP BARK—40 bgs, 4,400 lbs, P H Petry & Co, Hansa, Hamburg
SOAP—650 cs, Conti Prod Corp, Exeter, Leghorn
TOILET—4 cs, American Express Co, American Banker, London
5 cs, R H Macy & Co, American Banker, London
59 cs, Syndicate Alliance Trading Co, Samaria, Liverpool
SODA, HYDROSULPHITE — 25 kgs, Philipp Bros, Samaria, Liverpool
PRUSSIATE—612 cs, C Hardy, Nojima, Tientsin
SILICOFLUORIDE — 80 bbls, 23,760 lbs, Hummel Chemical Co, St Louis, Hamburg

SOLVENTS—406 dms, C P Chemical Solvents Co, San Juan, San Juan
SPONGES—156 bls, Schroeder & Tremayne, Santa Lucia, Havana
1 bl, American Sponge & Chamois Co, Santa Lucia, Havana
47 bls, Santa Lucia, Havana
16 bls, Siboney, Havana
REFUSE—168 bls, Schroeder & Tremayne, Santa Lucia, Havana
22 bls, American Sponge & Chamois Co, Santa Lucia, Havana
20 bls, Santa Lucia, Havana
STEATITE—7 bbls, M Kirchberger, Exeter, Leghorn
TALC—100 bgs, C Mathieu, Belvedere, Genoa
5,000 bgs, East Asiatic Co, Kimikawa, Shanghai
109 cs, C B Chrystal & Co, Tai Yang, Kobe
28 bbls, Caldwell & Co, Exeter, Leghorn
100 bgs, C Mathieu, Exeter, Leghorn
TANKAGE—2,000 bgs, Nordkap, Buenos Aires
1,016 bgs, Chase National Bank, Western Prince, Montevideo
TAPIOCA, FLAKE—1,888 bgs, Stein, Hall & Co, Tabian, Sourabaya
FLOUR—2,206 bgs, Chase National Bank, Irisbank, Pasaroean
1,103 bgs, National Adhesive Corp, Irisbank, Pasaroean
276 bgs, National Adhesive Corp, Irisbank, Pasaroean
500 bgs, National Adhesive Corp, Irisbank, Sourabaya
1,000 bgs, Stein, Hall & Co, Irisbank, Sourabaya
691 bgs, Java American Export Co, Irisbank, Sourabaya
500 bgs, Stein, Hall & Co, Irisbank, Tegal
400 bgs, American Cyanamid & Chem Co, Irisbank, Cheribon
150 bgs, National Adhesive Corp, Irisbank, Cheribon
250 bgs, National Adhesive Corp, Irisbank, Tjilatjap
1,000 bgs, Stein, Hall & Co, Irisbank, Tjilatjap
2,273 bgs, Stein, Hall & Co, Irisbank, Batavia
350 bgs, National Adhesive Corp, Irisbank, Batavia
500 bgs, Stein, Hall & Co, Irisbank, Batavia
2,500 bgs, Philadelphia National Bank, Javanese Prince, Cheribon
1,337 bgs, Balfour, Guthrie & Co, Javanese Prince, Pamanoekan
6,713 bgs, Stein, Hall & Co, Tabian, Sourabaya
250 bgs, Chase National Bank, Tabian, Cheribon
500 bgs, Tabian, Batavia
PEARL—70 bgs, Catz American Co, Tabian, Batavia
SEED—54 bgs, Catz American Co, Tabian, Cheribon
87 bgs, Catz American Co, Tabian, Batavia
TARTAR—290 bgs, Standard Brands, Exeter, Marseilles
176 bgs, Charles Pfizer & Co, Exeter, Marseilles
197 bgs, Exeter, Marseilles
TONKA BEANS — 135 cs, Irving Trust Co, Clement, Para
9 cs, Guaranty Trust Co, Clement, Para
TRICRESOL—4 cs, 803 lbs, Sherka Chem Co, Hansa, Hamburg
UMBER—15 cks, C B Chrystal & Co, Samaria, Liverpool
160 bgs, Whittaker, Clark & Daniels, Samaria, Liverpool
UVA URSI—120 bls, J L Hopkins & Co, Saturnia, Trieste
VANILLA BEANS—French Line, City of Guildford, Port Said
5 cs, Aquitania, Southampton
81 cs, Thurston & Braidich, Exeter, Marseilles
38 cs, Exeter, Marseilles
WATER, MINERAL—10 cs, H S Dorf & Co, Hansa, Hamburg
80 cs, American Acy French Vichy, President Roosevelt, Havre
WAX—240 bgs, Bankers' Trust Co, Clement, Para
BEES—110 bgs, G B Ollivant, Zarembo, Matadi
223 blocks, New Orleans, Aden
10 bgs, W M Allison & Co, City of Guildford, Suez
68 pkgs, Mahout, Port Said
15 bgs, Will & Baumer Candle Co, Santa Lucia, Havana
3 bgs, D Steengrafe, Borinquen, San Juan
16 bgs, Schutte & Focke, Borinquen, Trujillo
21 bgs, Lenape Trading Co, Borinquen, Trujillo
8 bgs, Porcella Vicini & Co, Borinquen, Trujillo
34 bgs, Mecke & Co, Almena, Trujillo
27 bgs, Schutte & Focke, Almena, Sanchez
8 bgs, Machado & Co, Almena, Sanchez
3 serons, Porcella Vicini & Co, Almena, Puerto Plata
2 seroons, Almena, Puerto Plata
CARNAUBA—16 bgs, Clement, Natal
CERESIN—160 bgs, Asiatic Petroleum Corp, Tabian, Sourabaya
MINERAL—16 bgs, Whittemore Bros Corp, Volendam, Rotterdam
MONTAN—375 bgs, Strohmeyer & Arpe Co, Hansa, Hamburg
OZOKERITE — 128 bgs, 11,000 lbs, R M Dick, Vigilant, Gdynia
10 bgs, 1,144 lbs, Heemsoth Kerner Co, Hansa, Hamburg
25 bgs, 5,610 lbs, Strahl & Pitsch, Hansa, Hamburg
20 cs, R M Dick, Hansa, Hamburg
VEGETABLE—25 cs, Nojima, Moji
WHITING—200 bgs, Nicholas H Weitzner, Emile Francqui, Antwerp
WITHERITE—1,000 bgs, Cavallo, Newcastle
WOLFRAM ORE—560 bgs, St Louis, Hamburg
2,240 bgs, Tai Yang, Shanghai
YEAST—115 bbls, Vulkan Yeast Co, Hansa, Hamburg
160 kgs, Compressed Yeast Corp, Hansa, Hamburg
BREWERS—200 bgs, Chase Natl Bank, Hansa, Hamburg
ZINC OXIDE—30 cks, 8,184 lbs, State Chem Co, Scanyork, Gdynia
ZIRCONIUM—12 pckts, Sagadahoc, Durban

New York Transit Imports

GINGER ROOT—50 bgs, Frank Tea & Spice Co, Haiti, Kingston, Cincinnati
GLASS, WINDOW—100 cs, Eastman Kodak Co, President Roosevelt, Hamburg, Rochester
MURU MURU KERNELS — 1,750 bgs, National City Bank, Clement, Para, Cleveland
MUSTARD SEED—150 bgs, Black Gull, Rotterdam, Cleveland
OIL, CHINAWOOD—480 tons, W G Smith Co, Irisbank, Hankow, Cleveland
470 tons, Spencer Kellogg & Sons, Tai Yang, Manila, Buffalo
COCONUT—1,420 tons, Spencer Kellogg & Sons, Tai Yang, Manila, Buffalo
SASSAFRAS—48 dms, McKesson & Robbins, Tokai, Kobe, Bridgeport
PYRETHRUM FLOWERS—250 bls, McKesson & Robbins, Tokai, Kobe, Bridgeport
125 bls, McKesson & Robbins, Kimikawa, Kobe, Bridgeport
SPONGES—17 bls, Oriente, Havana, Rotterdam

VANILLA BEANS—16 cs, M Cortizas Co, Siboney, Vera Cruz, Philadelphia
16 cs, Zink & Triest, Siboney, Vera Cruz, Philadelphia
ZINC, SULPHIDE—1 ck, Claudius Ash Sons & Co, American Banker, London, Irvington

Baltimore Imports

ALUMINUM, POWD—11 dms, B & O R R, City of Norfolk, Hamburg
BARYTES ORE—1,200 bgs, British French Discount Bank, Exchange, Piraeus
BONEMEAL—4,359 bgs, Livenza, Trieste
CHEMICALS — 300 bgs, City of Norfolk, Bremen
CHROME ORE—2,000 tons, Minerals & Metaux, Executive, Fethiye
1,016 tons, Exchange, Fathieh
CLAY, RAW—40 cks, City of Norfolk, Bremen
COLORS, EARTH—4 cks, City of Norfolk, Bremen
FERROMANGANESE — 300 cks, Mitsubishi Shoji Kaisha, Komaki, Yokohama
FERTILIZER, NITROGENOUS—492 tons, Exchange, Constanza
6,053 tons, Livenza, Trieste
GOAT MANURE—1,594 lbs, Southern Shipping Co, Vaga, Las Piedras
IRON ORE—7,233 tons, Leonard J Buck, Gary Bryn, Navik
21,500 tons, Bethlehem Steel Corp, Bethore, Cruz Grande
MANGANESE ORE—7,800 tons, Amtorg Trading Corp, Llanfair, Poti
9,200 tons, Amtorg Trading Corp, Dallas City, Poti
MAGNESITE—17,366 bgs, General Refractories Co, Livenza, Fiume
OIL, FUEL—30,000 bbls, Standard Oil Co of N J, Glenpool, Aruba
RAPESEED—100 dms, Wales, Nagoya
PAINT, EARTH DRY—141 bgs, E M & F Waldo, Exchange, Larnaca
PETROLEUM, CRUDE—92,000 bbls, Standard Oil Co of N J, Ida Knudsen, Aruba
PEATMOSS—2,450 bls, City of Norfolk, Bremen
30 half bls, City of Norfolk, Hamburg
POTASH MANURE SALT—1,197 tons, N V Potash Export My, Hektor, Bremen
MURIATE—5,053 tons, N V Potash Export My, Hektor, Bremen
SULPHATE—4,000 bgs, N V Potash Export My, Hektor, Bremen
SODA, SULPHATE—300 tons, City of Norfolk, Bremen

Boston Imports

BONE CHAR—650 bgs, Fruit Dispatch Co, Esparta, Kingston
COLOR, DRY—1 cs, American Express Co, Samaria, Liverpool
EMERY FILLET—1 cs, Atkinson-Haserick Co, Samaria, Liverpool
FERTILIZER—6,351 bgs, F W Berk & Co, Lysaker V, Bremen
COCOA SHELLS — 2,770 bgs, Hollingshurst & Co, Maasdam, Rotterdam
FISH LIVERS — 1 cs, from Nova Scotia
8 cs, Dench & Hardy, Yarmouth, Yarmouth
1 bx, J A Rich, Yarmouth, Yarmouth
1 crtn, John Nagle, Yarmouth, Yarmouth
GINGER ROOT—100 bgs, 5 tons, 1 cwt, 3 qtrs, 5 lbs, Samaria, Liverpool
GLASS, WINDOW — 87 cs, 38,025 lbs, Capulin, Hamburg
GLUESTOCK, FISH SCRAP—5 bxs, J R Poole, Evangeline, Yarmouth
1 cs, J R Poole, Evangeline, Yarmouth
1 bx, C N Parke, Yarmouth, Yarmouth
HIDE CUTTINGS — 364 bgs, 30 tons, 2 qtrs, 7 lbs, Samaria, Liverpool
GUM, INDUSTRIAL — 50 bgs, 2 tons, 10 cwt, 3 qtrs, 16 lbs, J P Marston Co, Samaria, Liverpool
LIME JUICE — 3 hghds, Lady Hawkins, Dominica
15 hghds, J P W Von Laer Co, Lady Hawkins, Dominica
MAGNESITE—200 bgs, Maasdam, Rotterdam
MICA SCRAP—163 bgs, First National Bank, City of Guildford, Calcutta
SPLITTINGS—10 cs, City of Guildford, Calcutta
MINERAL RESIDUE—1,865,092 lbs, Maasdam, Rotterdam
NUTMEGS—60 bgs, Catz American Co, Tabian, Macassar
OCHER—20 csks, 12,028 lbs, Exeter, Marseilles
OIL, COD—200 dms, 88,184 lbs, Capulin, Hamburg
30 bbls, J A Rich Co, O K Service II, La Have, N S
FUEL—46,000 bbls, Colonial Beacon Oil Co, E G Seubert, Aruba
PALMKERNEL — 1,925,513 lbs, Maasdam, Rotterdam
SESAME—5 cs, Quong Wo Lung, President Monroe, Hongkong
PEATMOSS—1,100 bls, 171,606 lbs, Peat Import Corp, Capulin, Hamburg
PETROLEUM, CRUDE—44,874 bbls, 6,771 tons, Colonial Beacon Oil Co, E G Seubert, Las Piedras
POTASH, MURIATE—1,411 tons, N V Potash Export Mij, Lysaker V, Bremen
SAGO FLOUR—359 bgs, Komaki, Singapore
SALTPETER—544 bgs, F W Berk & Co, Lysaker V, Bremen
SENNA LEAVES—20 bls, R J Prentise & Co, President Monroe, Colombo
PODS—20 bls, R J Prentise & Co, President Monroe, Colombo
SHELLAC—15 bgs, 10 cs, A Hurst & Co, Maasdam, Rotterdam
SEEDLAC—100 bls, First National Bank, City of Guildford, Calcutta
SOAP—75 cs, 3,020 lbs, Conti Products Co, Exeter, Leghorn
TALC—50 bgs, L A Salomon & Bros, President Monroe, Genoa
TAPIOCA FLOUR—1,103 bgs, Irisbank, Pasoeroean
10 bgs, Rutger, Bleecker & Co, Irisbank, Batavia
TRICHLORETHYLENE—25 dms, Mitsui & Co, Arimasan Maru, Yokohama
VEGETABLE EXTRACT—8 cs, Maasdam, Rotterdam
WATER, TABLE—80 cs, S S Pierce Co, Samaria, Liverpool
WOOD, PRESERVATIVE—2 dms, Cuprinol, Ltd, Samaria, Liverpool

Boston Transit Imports

MEDICINAL PREP'S—1 cs, Sue Shang Co, President Monroe, Hongkong, for Montreal
2 pkgs, Wing On & Co, President Monroe, Hongkong, for Ottawa
OIL, PEANUT—9 cs, J S Lee, President Monroe, for Montreal
32 cs, Sue Shang Co, President Monroe, Hongkong, for Montreal

Houston Imports

CHEMICALS—1,000 cns, Louisiane, Havre
MUSTARD—31 cs, Louisiane, Antwerp
VEGETABLE JUICE — 25 dms, Louisiane, Tampico

Los Angeles Imports

ALUMINUM LEAF—170 lbs, Elbe, Berlin
50 lbs, Elbe, Hamburg

CLEANING MILLING
GUMS, DRUGS, FOOD PRODUCTS
To
Your Specification
Try
Gruman's Service
Telephone MArket 3-2491
J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N.J.

AMMONIA SULPHATE — 179,200 lbs, Rosebank, Trail
ANTIMONY, CRUDE—85,900 lbs, from Inguala, Mex
BONE MEAL—6,720 lbs, San Francisco, Antwerp
CAMPHOR, REFD—2,000 lbs, Arimasan, Kobe
CARDAMOM SEED — 1,200 lbs, Silvermaple, Amritsar
CHALK, CRUDE — 1,120,000 lbs, Wisconsin, London
CHAMOIS SKINS — 10 lbs, from London
CHEMICAL COMPOUND—1,710 lbs, Taiyo, Yokohama
900 lbs, Taiyo, Yokohama
PHOTO—1,000 lbs, Elbe, Berlin
CHROME IRON ORE — 1,344,000 lbs, Adm Wood, Manila
CLOVES—2,380 lbs, Manoeran, Java
COCONUTS — 4,749 lbs, Limerick, Papeete
COCONUT, DESIC — 407,190 lbs, Tai Yang, Davao
COPRA—672,000 lbs, Golden Star, Zamboanga
2,240,000 lbs, Golden Star, Cebu
MEAL—896,000 lbs, Golden Star, Manila
677,930 lbs, Corneville, Manila
1,360,000 lbs, Manoeran, Manila
448,000 lbs, Manoeran, Philippine Isl
FERTILIZER, NITROGENOUS — 448,000 lbs, Bengalen, Calcutta
SUBSTANCE — 10 lbs, Taiyo, Japan
300,000 lbs, Keisho, Japan
FLAXSEED — 9,750 lbs, Hindanger, Buenos Aires
GLASS, ROLLED—1,320 lbs, Pacific Pioneer, St Helens
SHEET—10 cs, 480 lbs, Elbe, Prague
15 cs, 6,210 lbs, Elbe, Breslau
GUM, COPAL—1,000 lbs, Elbe, Antwerp
DAMMAR—2,800 lbs, Silvermaple, Singapore
IRON OXIDE—3,600 lbs, Modavia, Manchester
KELP MEAL—40,000 lbs, Keisho, Tokyo
LEAD ACETATE—22,050 lbs, Elbe, Hamburg
MEDICINAL PREPS—50 lbs, Asama, Osaka
MINERALS, CRUDE—185,920 lbs, Bengalen, Calcutta
MOWRA KERNELS—49,120 lbs, Silvermaple, Amritsar
NUTMEGS UNGROUND—4,100 lbs, Manoeran, Banda
11,310 lbs, Manoeran, Java
2,700 lbs, Manoeran, Macassar
OCHER—5,630 lbs, Chisone, Anixen, France
OIL, CHINAWOOD — 39,680 lbs, President Coolidge, Shanghai
NUT—60,000 lbs, Taiyo, Japan
OLIVE—11,020 lbs, President Garfield, Marseilles
10,160 lbs, Chisone, Leghorn
PALM—1,061,730 lbs, Silvermaple, Sumatra
1,106,520 lbs, Manoeran, Medan
PERILLA—40,000 lbs, Bokuyo, Kobe
40,000 lbs, Keisho, Japan
PAPRIKA—12,050 lbs, Elbe, Budapest
3,300 lbs, Schwaben, Budapest
PEANUT MEAL—200,000 lbs, Keisho, Osaka
PEPPER, GROUND—34,000 lbs, Manoeran, Dutch East Indies
1,600 lbs, Heiyo, Mexican City
PERFUMERY—140 lbs, From Paris
3 lbs, From London
30 lbs, Elbe, Hamburg
POTASH MURIATE—277,760 lbs, Elbe, Amsterdam
172,480 lbs, Wisconsin, Amsterdam
SULPHATE—506,240 lbs, Elbe, Amsterdam
1,924,160 lbs, Wisconsin, Amsterdam
POTATO FLOUR—2,180 lbs, Delftsyk, Amsterdam
RESIN, PHENOLIC SYN—140 lbs, Elbe, Berlin
RICE, FLOUR—240 lbs, Taiyo, Kobe
BRAN MEAL—100,000 lbs, Taiyo, Kobe
SEAWEED, CRUDE—200 lbs, Taiyo, Kobe
300 lbs, Keisho, Yokohama
SESAME SEED, MEAL—158,000 lbs, Taiyo, Yokohama
SHELLAC—49,200 lbs, Silvermaple, Calcutta
32,800 lbs, Bengalen, Calcutta
LAC—14,760 lbs, Silvermaple, Calcutta
SEEDLAC—16,400 lbs, Silvermaple, Calcutta
16,400 lbs, Bengalen, Calcutta
SIENNA—11,300 lbs, Chisone, Leghorn
5,760 lbs, Chisone, Rome
SILVERSAND—448,000 lbs, Wisconsin, Antwerp
SOAP, TOILET—550 lbs, Elbe, Vienna
510 lbs, from Paris
1,130 lbs, from London
450 lbs, Tai Yang, Tokio
SODA, CHLORATE—40,000 lbs, Elbe, Frankfurt
SPONGES—10 lbs, from London
STARCH, POTATO—150 lbs, Keisho, Yokohama
SULPHUR—629,330 lbs, Charcas, Antofagasta
TAPIOCA, FLOUR — 44,000 lbs, Manoeran, Cheribon
98,160 lbs, Manoeran, Sourabaya
MEAL—636,200 lbs, Corneville, Sourabaya
TOILET PREPS—5 lbs, Elbe, Vienna
630 lbs, from London
UREA—50,000 lbs, Elbe, Berlin
VANILLA BEANS—110 lbs, President Garfield, Marseilles
1,430 lbs, Limerick, Papeete

New Orleans Imports

ACID, CRESYLIC—125 dms, W Cooper & Nephews, Inc, Nemaha, Rotterdam
BAUXITE ORE—2,455 tons, Republic Mining & Mfg Co, Maravi, Paramaribo
1,074 tons, Republic Mining & Mfg Co, Maravi, Port of Spain
2,390 tons, Republic Mining & Mfg Co, Lindvangen, Paramaribo
525 tons, Republic Mining & Mfg Co, Lindvangen, Trinidad
CARBON, ACTIVATED — 3 dms, Leerdam, Antwerp
CHEMICALS — 201 dms, Whitney Bank, Nemaha, Antwerp
84 cks, P Bauer Co, Nemaha, Antwerp
90 dms, Nemaha, Antwerp
150 dms, Advance Solvents & Chemical Co, Leerdam, Rotterdam
93 bbls, Leerdam, Rotterdam
COCONUTS—100 sks, Whitney Bank, Cefalu, Cristobal
100 sks, Whitney Bank, Santa Marta, Cristobal
50 sks, J Meyer, Gansfjord, Kingston
COPRA—750 tons, Procter & Gamble, Liberator, Santo Nino
2,050 tons, Procter & Gamble, Liberator, Cebu
698 tons, Liberator, Bulan
OIL, ESSENTIAL—1 dm, Nemaha, Rotterdam
LINSEED—30 dms, Nemaha, Rotterdam
PALM—1,337 tons, Van Leewen Boomkamp & Co, Tabinta, Tamatave
1,657 tons, Tabinta, Tamatave
PALMKERNEL — 316,695 kilos, Procter & Gamble, Leerdam, Rotterdam
880,661 kilos, Leerdam, Rotterdam
PEANUT — 266,825 kilos, Boschdijk, Rotterdam
SOYBEAN—234,014 kilos, Boschdijk, Rotterdam
PEATMOSS—300 bls, Marine Midland Trust Co, Leerdam, Rotterdam
200 dms, Premier Peat Moss Corp, Leerdam, Rotterdam
PUTTY—20 cs, Nemaha, Dunkirk
PURIFYING MASS — 4 dms, Leerdam, Rotterdam
SARSAPARILLA ROOT — 10 bls, I C R R, Boschdijk, Tampico
TAPIOCA FLOUR — 500 sx, Bank of New York & Trust Co, Tabinta, Tandjong Priok
VEGETABLE JUICE — 50 dms, Aganox Co, Boschdijk, Tampico

Norfolk Imports

CALCIUM NITRATE—982 tons, Synthetic Nitrogen Product Corp, Gorm, Heroen
CHEMICALS—155 dms, 31,745 lbs, First Natl Bank of Boston, Black Condor, Rotterdam
FERTILIZER NITROFENOUS—1,200 bgs, 29 tons, 13 cwt, 1 qrt, Smith Rowland, Artigas, London
ROCK—1,900 tons, C W Priddy & Co, Ulva, Cheverie
LEATHER, WASTE—738 bgs, 69,496 lbs, Artigas, London
MICA—3,708 bgs, City of Auckland, Calcutta
OIL, CODLIVER—25 dms, 4,875 lbs, C L Huisking & Co, Black Condor, Rotterdam
FUEL—24,000 bbls, Standard Oil Co of N J, Glenpool, Aruba
PEATMOSS—300 bls, 20 half bls, City of Norfolk, Hamburg
265 bls, 9 tons, Premier Peatmoss Co, City of Norfolk, Hamburg
SALT, COARSE—1,500 tons, Harmattan, Port Said
CRUSHED—500 tons, Harmattan, Port Said
TAPIOCA FLOUR—1,000 bgs, Kota Rodja, Sourabaya
1,640 bgs, National City Bank of N Y, Kota Rodja, Sourabaya

Philadelphia Imports

ACID, CRESYLIC—25 bbls, Chase National Bank, Idarwald, Hamburg
122 dms, John H Faunce & Co, Capulin, Hull
PEANUT OIL—55 dms, Black Hawk, Rotterdam
SOYBEAN OIL—150 dms, Idarwald, Hamburg
SPERM OIL—30 dms, Black Hawk, Rotterdam
AGAR AGAR—15 bls, Mitsui & Co, Arimasan, Kobe
ALUMINOUS ABRASIVE—130 cks, Abrasive Corp, Collamer, Havre
ASBESTOS FIBRE — 14,500 bls, Keasby & Mattison Co, Exchange, Limassol
BARYTES—400 bgs, Idarwald, Bremen
BENZINE—3 dms, Balto & Ohio R R Co, Gloucester City, Bristol
BOG ORE—1,053,948 kilos, Capulin, Hamburg
CANARY SEED—300 bgs, R T French Co, Excello, Casablanca
CASSIA—185 bls, Bintand, Padang
CHEMICALS—600 dms, J W Hampton Jr Co, Black Hawk, Rotterdam
100 cks, Advance Solvent & Chemical Co, Black Hawk, Rotterdam
63 cks, American Cyanamid & Chemical Co, Black Hawk, Antwerp
88 dms, 250 bgs, 100 cks, African Metals Corp, Black Hawk, Antwerp
275 bls, Black Hawk, Antwerp
125 cks, Idarwald, Bremen
CHROME ORE—4,788.98 tons, Cuban Industrial Ore Co, Domino, Nuevitas
16,000 tons, Benguet Cons Mining Co, Fenwood, Masinloc Gambales
CLAY—1 bg, samples, National Clay Mines Co, Gloucester City, Bristol
BLUE—400 tons, United Clay Mines Corp, Gloucester City, Bristol
100 tons, T H Sant & Sons Co, Gloucester City, Bristol
170 tons, Moore & Munger, Gloucester City, Bristol
CRUCIBLE—24 tons, Moore & Munger, Gloucester City, Bristol
COCOA BEANS—1,500 bgs, G L Gaiser, Capulin, Hamburg
5,400 bgs, Afram Trading Corp, Zarembo, Accra
56,000 bgs, Balfour, Guthrie & Co, Zarembo, Accra
800 bgs, Balfour, Guthrie & Co, Zarembo, Capecoast
9,000 bgs, Gudmundra, Ilheos
9,000 bgs, Gudmunda, Bahia
CORK, RAW—161 bls, Belvedere, Palermo
100 bls, Armstrong Cork Co, Excello, Genoa
REFUGO—7,024 bls, Armstrong Cork Co, Monrosa, Bastia
10,444 bls, Armstrong Cork Co, Monrosa, Djidjelli
VIRGIN—224 bls, Armstrong Cork Co, Monrosa, Bastia
2,937 bls, Armstrong Cork Co, Monrosa, Djidjelli
WASTE—144 bls, Armstrong Cork Co, Monrosa, Djidjelli
1,010 bls, Exchange, Lisbon
WOOD—768 bls, Armstrong Cork Co, Monrosa, Djidjelli
FISH MEAL—1,002 bgs, Chase National Bank, Arimasan, Yokohama
FLUORSPAR—944,834 kilos, Wm H Muller & Co, Idarwald, Bremen
GLYCERIN—49 dms, Black Hawk, Rotterdam
GUM—150 bgs, City of Christchurch, Port Said
COPAL SIFTINGS — 100 bgs, American Cyanamid & Chemical Co, Black Hawk, Antwerp
GYPSUM, CRUDE—6,300 tons, U S Gypsum Co, Windsor, Gypsum King
IRON ORE, CHROME—2,850 tons, U S Vanadium Corp, Fernwood, Sabang
LEAVES, DRY—74 bls, Excello, Marseilles
MAGNESITE, CAL—408 bgs, Norton Lilly & Co, City of Guildford, Calcutta
MANGANESE ORE—9,500 tons, E J Lavino, Baron Belhavn, Vitzagapatam
100 tons, Central Province Manganese Ore Co, City of Christchurch, Calcutta
MOLASSES — 751,044 gls, North American Trading & Import Co, Winnetou, Antilla
636,735 gls, North American Trading & Import Co, Winnetou, Pastelillo
1,400,014 gls, Carrabulle, San Pedro de Macoris
603,055 gls, North American Trading & Import Co, Gloxinia, Antilla
342,135 gls, North American Trading & Import Co, Gloxinia, Nuevitas
MYROBALANS—1,300 pkts, Guaranty Trust Co, Nairnbank, Calcutta
7,200 pkts, Nairnbank, Calcutta
6,534 pkts, Guaranty Trust Co, City of Christchurch, Calcutta
5,466 pkts, City of Christchurch, Calcutta
6,200 pkts, City of Guildford, Calcutta
NAPHTHALENE—1,167 bgs, John H Faunce, Black Hawk, Rotterdam
352 bgs, John H Faunce, Gloucester City, Bristol
455 csks, John H Faunce, Capulin, London
167 bgs, John H Faunce, Capulin, Hull
OLEIN—50 dms, Black Hawk, Rotterdam
OIL, CODLIVER—500 dms, Capulin, Hamburg
FUEL—62,179 bbls, Socony Vacuum Oil Co, Liss, Port-a-Pierre
MINERAL—20 dms, Idarwald, Hamburg
OLIVE—100 cs, Singen & Binnenstock, Excello, Genoa
400 cs, Excello, Leghorn
PALM — 259 tons, 4 cwt, 3 lbs, Balfour, Guthrie & Co, Zarembo, Matadi
1 kg, Samples, Balfour, Guthrie & Co, Zarembo, Matadi
PERILLA—300 tons, Mitsui & Co, Arimasan, Dairen
PEATMOSS—300 bls, Halfmoon Mfg & Trading Co, Black Hawk, Rotterdam
175 bls, Idarwald, Bremen
PEATMOSS—1,000 bls, Peat Import Corp, Capulin, Hamburg
PEPPER—81 bgs, Bintang, Panghai Pinang
PETROLEUM, CRUDE—114,547 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
91,362 bbls, Atlantic Refining Co, Permian, Las Piedras
107,359 bbls, Gulfbird, Las Piedras (discharged at Atlantic Refining Co Pier)
DERIVATIVE—100 dms, L Schwabacher & Co, Idarwald, Hamburg
POTASH, MANURE SALT—544,500 kilos, N V Potash Export Mij, Capulin, Hamburg
MURIATE—2,268,000 kilos, N V Potash Export Mij, Idarwald, Bremen
1,121,500 kilos, N V Potash Export Mij, Capulin, Hamburg
SILICATE—300 bgs, Alex Murphy & Co, Black Hawk, Rotterdam
SULPHATE—1,000 bgs, N V Potash Export Mij, Idarwald, Bremen
RAPESEED—486 bgs, R T French Co, Black Hawk, Rotterdam
SHELLAC—300 bgs, Bank of Manhattan, City of Guildford, Calcutta
GARNET LAC—200 bgs, Bank of Manhattan, City of Christchurch, Calcutta
SUMAC LEAVES—200 bls, Belvedere, Palermo
SODA, CYANIDE—220 cyls, Hardy, Collamer, Havre
STARCHES, CHEMICALLY TREATED — 1 bg, Black Hawk, Rotterdam
STRONTIUM—53 tons, 16 cwt, Gloucester City, Bristol
TALLOIL—116 bbls, Hein Hoyer, Stugsund
TAPIOCA FLOUR — 250 bgs, Chase National Bank, Bintang, Batavia
2,736 bgs, Bank of New York & Trust Co, Bintang, Batavia
490 bgs, New York Trust Co, Bintang, Tegal
500 bgs, Philadelphia National Bank, Bintang, Cheribon
250 bgs, Guaranty Trust Co, Bintang, Cheribon
300 bgs, Balfour, Guthrie & Co, Bintang, Pamanoikando
TARTAR—5 bgs, Excello, Marseilles
VALANDER CLAY, LUMP—156 csks, Black Hawk, Rotterdam
POWDERED—18 csks, Black Hawk, Rotterdam

Portland, Ore., Imports

CHEMICALS — 27 dms, Advance Solvents & Chemical Corp, Nebraska, Rotterdam
120 dms, Portland, Antwerp
COPRA—1,615 tons, Durkee Famous Foods, California, Cebu
MEAL—4,000 sks, Snow Brokerage Co, California, Manila
EPSOM SALT — 100 sks, F W Berk & Co, Portland, Bremen
IRON SAND — 40 sks, Bailey Co, Pacific Grove, Glasgow
PEATMOSS—300 bls, Peat Import Corp, Portland, Bremen
SUPERPHOSPHATE — 6,803 sks, Nebraska, Rotterdam

San Francisco Imports

ACID, FATTY—114 dms, Mariposa, Melbourne
AGAR AGAR—4 bbls, Taiyo, Kobe
ALCOHOL—10 cs, Schwaben, Bremen
ARSENIC—1,500 dms, Axel Johnson, Skelleftehamn
603 bbls, General Chemical Co, Axel Johnson, Skelleftehamn
BRISTLES—20 cs, Michigan, Tsingtao
CASSIA—25 bls, President Coolidge, Hongkong
CHALK—quantity, Balfour, Guthrie & Co, Delftdijk, London
CHEMICALS—10 cks, Schwaben, Hamburg
1 dm, Allied Engineering & Products Co, Delftdijk, Rotterdam
CLAY—600 bgs, Balfour, Guthrie & Co, Delftdijk, Rotterdam
FIRE—67 bgs, W E Mushet Co, San Antonio, Newcastle-on-Tyne
COBALT—16 kegs, Standard Oil Co, Axel Johnson, Kotka
COPRA—2,900 tons, Illinois, Dumaguette-Cebu
1,328 tons, Illinois, Legaspi
2 lots, Golden Star, Iloilo
2 lots, Golden Star, Jolo
2 lots, Golden Star, Zamboanga
7 lots, Golden Star, Cebu
705 tons, Djambi, Cebu
MEAL—300 bgs, Dollar S S Line, President Coolidge, Manila
2,000 bgs, President Coolidge, Manila
1,000 bgs, Snow Brokerage Co, Djambi, Manila
5,000 bgs, Djambi, Manila
CORKWASTE—1,606 bls, Armstrong Cork Co, Delftdyk, Rotterdam
25 bls, Armstrong Cork Co, Delftdyk, Rotterdam
COTTONSEED, MEAL—1,000 bgs, Taiyo, Hongkong
DRUGS—17 cs, Wells Fargo Natl Bank, President Coolidge, Manila
FULLERS EARTH—50 bgs, Balfour, Guthrie & Co, Delftdyk, London
GLASS—10 cs, Schwaben, Antwerp
WINDOW—50 cs, Taiyo, Yokohama
GLUE, GELATIN—30 bbls, Charles Lee Co, Delftdyk, Rotterdam
GUM, COPAL—150 bgs, Djambi, Singapore
DAMMAR—50 cs, Djambi, Batavia
KAURI—85 sks, H M Newhall & Co, Mariposa, Suva
270 sks, Mariposa, Suva
INK—6 cs, Shun On Co, President Coolidge, Hongkong
LINSEED, MEAL—500 bgs, Michigan, Taku Bar
OIL, CHINAWOOD—Quantity, President Coolidge, Hankow
COCONUT—1,200 tons, Bengalen, Manila
COTTONSEED—Quantity, President Coolidge, Shanghai
LUBRICATING—40 dms, Schwaben, Antwerp
PALMKERNEL—Quantity, Schwaben, Hamburg
PERILLA — Quantity, President Coolidge, Kobe
PEANUT—15 cs, Pong Fopg Co, President Coolidge, Hongkong
2 cs, Tai Hang Lung, President Coolidge, Hongkong
RAPESEED—200 dms, Taiyo, Yokohama
VEGETABLE—150 dms, President Coolidge, Hankow
PAINT, BLACK, DRY—5 csks, Delftdijk, Rotterdam
PEANUT MEAL—8,000 bgs, Michigan, Tsingtao
PEATMOSS—3,600 bls, Schwaben, Bremen
PEPPER, WHITE—85 bgs, Djambi, Batavia
PILCHARD MEAL — 2,200 sks, Balfour, Guthrie & Co, Kingsley, Kildonan, B C
PIMENTO—25 bgs, Barclays Bank, Schwaben, Cristobal
POLISH, BOOT—3 cs, Hoyt, Shepston & Sciaroni, Delftdijk, London
POTASH, CHLORATE — 250 sks, Uniform Chemical Products, Schwaben, Hamburg
PYRETHRUM FLOWERS — 150 bls, Taiyo, Kobe
RICE BRAN MEAL — 1,000 sks, Taiyo, Kobe
SALTPETER—227 bgs, Schwaben, Bremen
SAND—800 tons, Balfour, Guthrie & Co, San Antonio, Antwerp
SESAME SEED MEAL—2,900 bgs, Taiyo, Shanghai
SOAP—3 cs, Hoyt, Shepston & Sciaroni, Schwaben, Hamburg
3 cs, President Coolidge, Kobe
SODA, CYANIDE—100 dms, American Cyanide & Chemical Co, Delftdijk, Rotterdam
CHLORATE—1,000 pkgs, International Selling Corp, San Antonio, Antwerp
STARCH — 8 cs, Cheung Kee, President Coolidge, Hongkong
POTATO—50 bgs, Delftdijk, Rotterdam
SUPERPHOSPHATE, ULTRA—400 bgs, Delftdijk, Rotterdam
TALLOW—200 dms, Mariposa, Melbourne
26 bbls, Tupman, Thurlew Co, Mariposa, Sydney
TAPIOCA FLOUR—160 bgs, Djambi, Singapore
506 bgs, Djambi, Batavia
WALNUT MEAL—500 bgs, Michigan, Taku Bar
WATER, MINERAL—90 cs, Tonkin Distb Co, Delftdijk, London
WAX—800 bgs, Shell Oil Co, Djambi, Manila

Savannah Imports

PETROLEUM, CRUDE—30,370 gls, G W Barnes, Las Piedras
9,428 tons, G W Barnes, Las Piedras
SAGO FLOUR—436 bgs, Silveryew, Singapore
TAPIOCA FLOUR—750 bgs, Kota Radja, Batavia

Seattle Imports

ACID, CITRIC—20 cs, Makiki, Honolulu
CHEMICALS—90 dms, Portland, Antwerp
CRYOLITE—552 sks, Portland, Antwerp
DEGRAS—10 dms, L H Butcher & Co, Pacific Grove, Manchester
EPSOM SALT—200 sks, F W Berk & C, Portland, Bremen
GLASS, ROUGH—20 cs, Pacific Grove, Manchester
HONEY—9 dms, Commercial Importing Co, Portland, Puntarenas
IRON ORE, GROUND—225 sks, Nebraska, Rotterdam
MOLASSES—2,404,000 lbs, Makiki, Mahukona

Tampa Imports

FERTILIZER—35 tons, Angrer, Vivario Cayo

Exports From U.S. Ports

New York Exports

Clearance Dates

Almena, August 19; Amapala, August 20; American Merchant, August 20; American Shipper, August 13; American Trader, August 13; Argentino, August 17; Beinor, August 20; Black Tern, August 21; Borinquen, August 19; Britannic, August 20; Buenaventura, August 17; Calamares, August 21; Caledonia, August 20; Cauto, August 11; Cavallo, July 9; City of Lyons, August 18; Conte Savoia, August 20; Exmoor, August 20; Fort Townshend, August 16; Gypsum Prince, August 24; Hamburg, August 20; Henri Jasper, August 20; Hororata, August 10; Kirishima, August 19; Koenigstein, July 30; Kungsholm, August 18; Marga, August 23; Munargo, August 21; Musa, August 21; Newsome, August 23; Oriente, August 13; Paris, August 21; Pilsudski, August 21; President Harding, August 17; Quirigua, August 19; San Jose, August 18; Scanpenn, August 6; Scanstates, August 20; Statendam, August 17; Steel Ranger, August 20; Steel Voyager, August 14; Tachira, August 19; Toronto City, August 19; Westernaldn, August 20; Wichita, August 20; Yucatan, August 19

ACID, MURIATIC—18,500 lbs, Musa, Porto Cortes
TARTARIC—2,640 lbs, Quirigua, Havana; 11,301 lbs, Yucatan, Vera Cruz; 1,220 lbs, Calamares, Cartagena
VANADIC—12,677 lbs, Hamburg, Hamburg
ALCOHOL, BUTYL — 105 gls, Scanstates, Malmo
DENATURED—2,750 gls, Calamares, Cartagena
ISOPROPYL — 3,850 gls, American Trader, London; 165 gls, American Merchant, London
AMMONIA, SULPHATE — 18,336 lbs, Steel Voyager, Iloilo
ANTIMONY — 26,700 lbs, Argentino, Buenos Aires
ASPHALT — 28,000 lbs, Cavallo, Newcastle; 233,579 lbs, American Shipper, Liverpool; 5,515 lbs, Calamares, Colon; 11,045 lbs, Britannic, London; 3,300 lbs, American Merchant, Bombay; 7,232 lbs, Argentino, Rio de Janeiro
LIQUID—(Scanstates) 66,433 lbs, Gothenburg; 67,751 lbs, Malmo; 133,427 lbs, Stockholm; 26,440 lbs, Gavle; 26,583 lbs, Ornskoldsvik; 26,473 lbs, Norrkoeping; 11,197 lbs, American Merchant, London
SOLID—52,920 lbs, American Shipper, Manchester
BAKING POWDER—(President Harding) 12,850 lbs, Gothenburg; 25,910 lbs, Stockholm; 14,250 lbs, Scanstates, Helsingfors
BARK—(President Harding) 2,679 lbs, Havre; 1,121 lbs, Hamburg
BLUE, ALKALI BASE—5,992 lbs, American Trader, London
LAUNDRY—(Calamares) 6,038 lbs, Cartagena; 2,529 lbs, Bluefields
ULTRAMARINE—3,184 lbs, Cauto, Progresso; 1,410 lbs, Calamares, Cartagena
VITRIOL — (Newsome) 79,500 lbs, Porto Castilla; 839,216 lbs, Tela
VITRIOL, MONOHYDRATED—371,000 lbs, Newsome, Tela
BUTYL ACETATE—7,595 lbs, Hororata, Melbourne
CALCIUM CHLORIDE—73,418 lbs, Munargo, Havana; 51,184 lbs, Cauto, Tampico
CASEIN—238 lbs, Britannic, London
CHEMICALS—6,973 lbs, American Farmer, London; 11,388 lbs, President Harding, Havre; 13,027 lbs, Koenigstein, Rotterdam; 5,483 lbs, Scanstates, Beloostrov; 1,596 lbs, American Shipper, Liverpool; 4,138 lbs, American Merchant, London
CHLORINE—(Buenaventura) 12,694 lbs, Porto Colombia; 1,640 lbs, Porto Barrios; 8,022 lbs, Cristobal
CLAY—11,200 lbs, Westernland, Antwerp; 89,280 lbs, Kungsholm, Gothenburg; 20,400 lbs, Britannic, London
COALTAR—(Almena) 16,181 lbs, Ciudad; 6,008 lbs, La Romana
INTERMEDIATES — 840 lbs, American Trader, London; 2,168 lbs, Britannic, London
CORN, FLOUR—(Statendam) 470 lbs, Lebito; 470 lbs, Mossamedes; (City of Lyons) 62,040 lbs, Manila; 15,510 lbs, Cebu-Manila; 1,392 lbs, Calamares, Amapala
SUGAR—20,350 lbs, American Shipper, Manchester

CORN SYRUP—22,869 lbs, Munargo, Havana; 22,580 lbs, Toronto City, Bristol; (City of Lyons) 23,704 lbs, Manila; 7,500 lbs, Manila-Cebu; 18,965 lbs, Cavallo, Hull; 420 lbs, Calamares, Panama City
DEXTRIN—2,519 lbs, Munargo, Havana
CORN—27,832 lbs, American Shipper, Liverpool
DICHLORODIFLUOROMETHANE — 8,557 lbs, American Trader, London; 4,683 lbs, American Shipper, Manchester; 37,081 lbs, Britannic, London
DRUGS—4,055 lbs, American Merchant, London
DYES—(President Harding) 7,222 lbs, Czechoslovakia; 2,877 lbs, Hamburg; 10,415 lbs, Yucatan, Vera Cruz; 530 lbs, Black Tern, Rotterdam; (Scanstates) 66,433 lbs, Gothenburg; 762 lbs, Helsingfors; (Steel Ranger) 28,665 lbs, Bombay; 4,888 lbs, Calcutta; (Scanpenn) 849 lbs, Gothenburg; 1,000 lbs, Helsingfors; 2,502 lbs, Calamares, Porto Colombia; 2,346 lbs, Henri Jasper, Antwerp
ETHYLENE DICHLORIDE—1,507 lbs, American Merchant, London
FERROSILICON—56,834 lbs, American Shipper, Liverpool
FERTILIZER—2,340,000 lbs, Marga, Windsor
GELATIN—3,442 lbs, President Harding, Havre
GLASS, PLATE—6,130 lbs, Quirigua, Havana
WINDOW—25,766 lbs, Quirigua, Havana
GLUE, DRY—1,526 lbs, Munargo, Havana
HIDE—606 lbs, American Merchant, London
GREASE, LUBRICATING — 54,554 lbs, American Trader, London; (Exochorda) 68,445 lbs, Alexandria; 49,287 lbs, Marseilles; 3,526 lbs, Mersin; (Caxambu) 1,795 lbs, Santos; 5,385 lbs, Rio de Janeiro; (Toronto City) 23,282 lbs, Bristol; 26,080 lbs, Cardiff; 23,429 lbs, Caledonia, Glasgow; (Buenaventura) 8,422 lbs, Callao; 2,740 lbs, Porto Colombia; 2,648 lbs, President Harding, Reykjavik; (Hororata) 3,960 lbs, Brisbane; 47,839 lbs, Sydney; 4,481 lbs, Adelaide; 1,600 lbs, Musa, Porto Barrios; (Cavallo) 66,173 lbs, Hull; 207,680 lbs, Newcastle; 1,820 lbs, Black Tern, Rotterdam; 19,857 lbs, Westernland, Antwerp; (City of Lyons) 191,406 lbs, Manila; 1,214 lbs, Cebu-Manila; (American Shipper) 13,208 lbs, Liverpool; 153,034 lbs, Manchester; 220,920 lbs, Hamburg, Hamburg; 72,771 lbs, Britannic, London; (Wichita) 8,180 lbs, Saigon; 4,724 lbs, Haiphong; (Argentino) 2,210 lbs, Rio de Janeiro; 8,796 lbs, Santos
INK, PRINTING — (Argentino) 4,147 lbs, Santos; 15,258 lbs, Montevideo
INSECTICIDE—6,340 lbs, Steel Ranger, Calcutta
AGRICULTURAL — 31,600 lbs, Scanstates, Stockholm; 3,591 lbs, Black Tern, Rotterdam; 4,730 lbs, Cavallo, Hull
HOUSEHOLD—4,205 lbs, Wichita, Saigon
LACQUER—2,086 lbs, Caxambu, Santos
LARD—25,600 lbs, American Trader, London; 7,320 lbs, Conte Savoia, Genoa; 39,680 lbs, Roma, Naples; 26,750 lbs, Amapala, Santiago; (American Shipper) 9,600 lbs, Liverpool; 8,980 lbs, Manchester
LEAD, BLUE SUBLIMED—2,377 lbs, Scanstates, Copenhagen
RED — 2,500 lbs, Cavallo, Hull; 15,938 lbs, Argentino, Rio de Janeiro
WHITE, SUBLIMED — 2,360 lbs, Cavallo, Hull
LINSEED CAKE—(President Harding) 676,663 lbs, Havre; 1,802,626 lbs, Hamburg; 681,035 lbs, Koenigstein, Rotterdam; 904,736 lbs, Westernland, Antwerp; 112,825 lbs, Scanpenn, Helsingfors; 907,581 lbs, Hamburg, Hamburg; 2,029,320 lbs, Henri Jasper, Antwerp
MEAL — 223,960 lbs, President Harding, Havre; 448,000 lbs, Henri Jasper, Antwerp
LITHARGE—2,406 lbs, Steel Ranger, Karachi; 10,625 lbs, Argentino, Rio de Janeiro
MERCURY OXIDE—1,089 lbs, Buenaventura, Cristobal
MOLYBDENUM CONC—53,095 lbs, Britannic, London
OIL, CASTOR—2,525 lbs, President Harding, Havre; 1,020 lbs, Musa, Porto Cortes; 509 lbs, Scanstates, Malmo; 490 lbs, Borinquen, San Juan
CHINAWOOD—4,703 lbs, Argentino, Santos
COCONUT, REFD—4,848 lbs, Quirigua, Havana
LUBRICATING — 1,365 gls, Pilsudski, Gdynia; 1,848 gls, Toronto City, Bristol; 30,250 gls, Kirishima, Osaka; (Buenaventura) 7,150 gls, Callao; 1,815 gls, Porto Colombia; 1,625 gls, Panama City; (President Harding) 970 gls, Reykjavik; 41,790 gls, Havre; 9,366 gls, Hamburg; (Exochorda) 14,681 gls, Marseilles; 14,405 gls, Alexandria; 825 gls, Mersin; 550 gls, Beyrouth; 23,885 gls, Caxambu, Santos; 4,620 gls, Conte Savoia, Genoa; 8,205 gls, American Trader, London; 2,910 gls, Koenigstein, Rotterdam; (Westernland) 5,125 gls, Antwerp; 630 gls, Brussels; (Steel Ranger) 840 gls, Bombay; 1,500 gls, Calcutta; 1,100 gls, Karachi; (Exmoor) 1,661 gls, Oran; 6,715 gls, Algiers; 158 gls, Tunis; 2,100 gls, Scanstates, Copenhagen; 3,850 gls, Fort Townshend, St Johns; 20,350 gls, City of Lyons, Cebu-Manila; 18,150 gls, Cauto, Tampico; (Hororata) 550 gls, Brisbane; 106,395 gls, Sydney; 69,135 gls, Melbourne; 45,650 gls, Adelaide; 3,025 gls, Musa, Porto Castilla; (Cavallo) 6,339 gls, Hull; 18,200 gls, Newcastle; 1,990 gls, Black Tern, Rotterdam; 430 gls, Kungsholm, Malmo; 13,475 gls, Yucatan, Vera Cruz; 7,540 gls, Britannic, London; (Paris) 6,300 gls, Dunkirk; 21,000 gls, Havre; 2,695 gls, American Merchant, London; (Wichita) 2,376 gls, Honolulu; 2,970 gls, Saigon; (Argentino) 1,705 gls, Rio de Janeiro; 550 gls, Buenos Aires; (American Shipper) 25,200 gls, Liverpool; 3,025 gls, Manchester; (Scanpenn) 4,850 gls, Copenhagen; 3,240 gls, Prague; 1,485 gls, San Jose, Port Limon; 56,917 gls, Hamburg, Hamburg
OLEO—4,625 lbs, Caledonia, Glasgow; 23,651 lbs, Kungsholm, Gothenburg; 4,564 lbs, Westernland, Antwerp; 59,467 lbs, Britannic, London
PEPPERMINT—1,019 lbs, Cavallo, Hull; 2,275 lbs, American Merchant, London
PINE—24,018 lbs, Exochorda, Famagusta
RAYON—49,500 lbs, Conte Savoia, Genoa
SULPHONATED—15,597 lbs, Conte Savoia, Genoa
TRANSFORMER — 4,200 gls, Koenigstein, Rotterdam
VALVE—4,565 gls, Cauto, Tampico
PAINT—15,032 lbs, American Trader, London; 12,314 lbs, Steel Voyager, Honolulu; 5,872 lbs, Musa, Port Barrios; 9,604 lbs, Steel Ranger, Bombay; 17,264 lbs, Calamares, Porto Colombia; 15,831 lbs, Henri Jasper, Antwerp; 1,325 lbs, Argentino, Santos
PREPARED—9,482 lbs, Munas, Porto Barrios
THINNER—300 gls, Caxambu, Santos
PARAFFIN—17,182 lbs, Buenaventura, Porto Colombia; 22,643 lbs, Kungsholm, Gothenburg; 50,615 lbs, Yucatan, Vera Cruz; 11,211 lbs, Cavallo, Newcastle; 113,212 lbs, American Shipper, Manchester; 10,101 lbs, San Jose, Santiago; 169,378 lbs, Hamburg, Hamburg; 44,400 lbs, Calamares, Porto Colombia
SCALE—16,885 lbs, Toronto City, Bristol; 73,717 lbs, American Shipper, Manchester
PECTIN—1,510 lbs, Koenigstein, Rotterdam
PETROLATUM, MED—143,439 lbs, Britannic, London
PETROLEUM, REFD—4,200 gls, Munargo, Nassau; (Almena) 10,000 gls, Porto Plata; 15,000 gls, Ciudad; (San Jose) 10,000 gls, Colon; 4,000 gls, Port Limon; 3,135 gls, Argentino, Santos
PITCH, COALTAR—7,255 lbs, Steel Voyager, Kaanapali
RESIN—9,113 lbs, American Trader, London; 2,063 lbs, Scanstates, Stockholm; 2,182 lbs, American Merchant, London
SYNTHETIC—(President Harding) 8,638 lbs, Hamburg; 11,244 lbs, Havre; 14,595 lbs, Hamburg, Hamburg; 4,837 lbs, American Merchant, London; 14,595 lbs, Hamburg, Hamburg
ROOTS—3,579 lbs, Conte Savoia, Genoa
ROSIN—15,436 lbs, American Trader, London; 1,338 lbs, Scanstates, Copenhagen
SODA ASH—37,510 lbs, Oriente, Havana; 150,000 lbs, Quirigua, Havana; 30,820 lbs, Yucatan, Vera Cruz; (Hororata) 27,185 lbs, Brisbane; 35,850 lbs, Melbourne; (Cauto) 33,900 lbs, Progreso; 48,480 lbs, Tampico
BICARBONATE—2,060 lbs, Musa, Porto Barrios
CAUSTIC—65,140 lbs, Oriente, Havana; 7,180 lbs, Buenaventura, Panama; 245,230 lbs, Yucatan, Vera Cruz; (Hororata) 11,162 lbs, Brisbane; 38,510 lbs, Melbourne; 5,430 lbs, Amapala, Santiago; 8,040 lbs, Musa, Porto Barrios; (Cauto) 27,315 lbs, Progresso; 110,266 lbs, Tampico; 215,400 lbs, San Jose, Santiago
SILICATE—48,725 lbs, Borinquen, Ciudad
STARCH—(American Shipper) 2,730 lbs, Liverpool; 24,522 lbs, Manchester
CORN—(Steel Voyager) 2,630 lbs, Honolulu; 2,214 lbs, Hilo; 23,878 lbs, Kungsholm, Gothenburg; 3,525 lbs, City of Lyons, Manila; 135 lbs, Calamares, Panama City; 25,400 lbs, Britannic, London
SULPHUR—10,575 lbs, Gypsum Prince, Windsor
TALC—67,200 lbs, Cavallo, Hull; (American Shipper) 30,300 lbs, Liverpool; 30,300 lbs, Manchester; 20,200 lbs, Calamares, Cartagena; 56,880 lbs, Britannic, London
TALLOW—(Almena) 57,703 lbs, San Pedro; 23,049 lbs, Ciudad
TOILET PREP'S—7,979 lbs, Steel Voyager, Honolulu
TURPENTINE—1,870 gls, Calamares, Porto Colombia; (Argentino) 1,000 gls, Rio de Janeiro; 3,000 gls, Buenos Aires
VARNISH—1,019 lbs, Steel Voyager, Honolulu; 2,430 lbs, Calamares, Cartagena
WATERPROOFING COMP—23,311 lbs, Britannic, London
WHITING—36,680 lbs, Britannic, London
WITCH HAZEL EXTRACT—39,680 lbs, Toronto City, Bristol; 600 lbs, San Jose, Panama City
ZINC DUST—2,380 lbs, Exochorda, Famagusta; 1,150 lbs, American Shipper, Liverpool
OXIDE—2,439 lbs, Munargo, Havana

Baltimore Exports

Clearance Dates

City of Hamburg, August 19; Examelia, August 18; Henry S Grove, August 16; Knute Nelson, August 16; Kwanto Maru, August 20; Liberty, August 16; Nordbo, August 19; Sagaporack, August 21; San Lucas, August 21; Vingaren, August 16; West Selene, August 18

ACETATE, BUTYL—1,177 lbs, Knute Nelson, Hongkong
ALCOHOL, BUTYL—10,080 lbs, Knute Nelson, Osaka
ALPHA PROTEIN—700 lbs, Liberty, Liverpool
AMMONIA SULPHATE—550 tons, Henry S Grove, Port Natal
ASPHALT, SOLID—11,920 lbs, Sagaporack, Danzig
BLUE ULTRAMARINE—2,769 lbs, Knute Nelson, Shanghai
CHALK, PREPARED—1,200 lbs, Kwanto, Kobe
CHEMICAL COMP—627 lbs, City of Hamburg, Prague
DEXTRIN—8,000 lbs, Henry S Grove, Capetown
FIG BRAN—900 lbs, City of Hamburg, London
FROTHER—(Knute Nelson) 10,440 lbs, Osaka; 1,815 lbs, Kobe
FRIT, ENAMEL—575 lbs, City of Hamburg, Havre
GLASS, CRUSHED—10,000 lbs, Liberty, Manchester
GREASE, LUBRICATING—438 lbs, San Lucas, Panama; 9,539 lbs, West Selene, Brazil
INSECTICIDE—1,569 lbs, Examelia, Cyprus
LACQUER MIXTURE—10 gls, City of Hamburg, Paris
LOGWOOD, EXTRACT—16,500 lbs, Knute Nelson, Osaka
MANGANESE SILICATE—112,000 lbs, Nordbo, Yokohama
METHANOL—263,211 lbs, Knute Nelson, Yokohama
OIL, LUBRICATING—(City of Hamburg) 762 bbls, Praha; 278 bbls, Rouen; (Kwanto) 107 bbls, Osaka; 70 bbls, Dairen
PARAFFIN—(Liberty) 45,320 lbs, Manchester; 67,849 lbs, Dublin
SCALE, CRUDE—407,939 lbs, City of Hamburg, London
POTASH BICHROMATE—11,200 lbs, City of Hamburg, London
RUTILE—8,960 lbs, Liberty, Liverpool
SODA ALUMINATE—1,749 lbs, City of Hamburg, London
ASH—67,200 lbs, Knute Nelson, Manila
BICHROMATE, CRYST—22,400 lbs, Liberty, Manchester
CAUSTIC—200,200 lbs, Knute Nelson, Manila
STARCH, CONFECTIONERS' — 11,200 lbs, Liberty, Manchester
SUPERPHOSPHATE — 2,620 tons, Marga, Windsor, N S
TANNING EXTRACT—111,199 lbs, Vingaren, Raumo
UREA—46,000 lbs, City of Hamburg, Havre

Beaumont Exports

Clearance Dates

Albert S Ellsworth, August 17; Fagerfjell, August 12; Gymeric, August 13; Marathon, August 17; Vendemaire, August 16

PETROLEUM, CRUDE—96,121 bbls, Fagerfjell, Montreal; 69,338 bbls, Gymeric, Hamburg; 82,443 bbls, Marathon, Montreal; 99,229 bbls, Vendemaire, Trieste; 94,481 bbls, Albert L Ellsworth, Montreal

Boston Exports

Clearance Dates

American Importer, August 22; Evangeline, August 24, 26; Franconia, August 21; Idarwald, August 24; Irisbank, August 26; Saint John, August 22; Turrialba, August 27; Twilah & Rozell, August 23; Yarmouth, August 25

AMMONIA, SULPHATE—186,400 lbs, Twilah & Rozell, Windsor, N S
BONEMEAL—827 bgs, 82,700 lbs, Twilah & Rozell, Windsor, N S
CEMENT, RUBBER—1 dm, and 1 cs, 506 lbs, Franconia, Capetown
CLAY—220 bbls, 79,620 lbs, American Importer, Manchester
CLEANING COMP—70 cs, 840 lbs, Evangeline, Halifax, N S
EMBALMING FLUID—2 cs, 54 lbs, Franconia, Lancashire
GLUE, LIQ—12 cs, 48 gls, Turrialba, Cristobal
GYPSUM—3 ctns, 190 lbs, Evangeline, Yarmouth
KEROSENE—2 bbls, 111½ gls, Evangeline, Yarmouth
LINING COMP—19 crtns, 1,400 lbs, Evangeline, Yarmouth
MEDICINAL PREPS—69 cs, 4,126 lbs, Franconia, Nottingham
MOULDING POWD—14 dms, 1,200 lbs, Franconia, Birmingham, Eng
OIL, LUBRICATING—3 bbs, Saint John, St John, N B; 2 cs, 30 gls, Franconia, Liverpool
PARAFFIN—10 bgs, 2,240 os, Franconia, Calcutta
PITCH—3 bbls, 605 lbs, Evangeline, Yarmouth
POLISH, STOVE—55 cs, 1,869 lbs, Saint John, St John, N B
ROSIN, GUM—50 bbls, 24,110 lbs, Evangeline, Halifax
WOOD—5 bbls, Evangeline, Yarmouth
SOAP—10 cs, 617 lbs, Irisbank, Manila
FLAKE—30 cs, 1,003 lbs, Irisbank, Manila
TAR—800 cs, 27,500 lbs, Irisbank, Manila
TOILET—2,200 cs, 61,875 lbs, Irisbank, Manila
TOILET PREPS—1 cs, 72 lbs, Franconia, Nottingham
TURPENTINE, GUM—1 dm, 55 gls, Yarmouth, Yarmouth

Corpus Christi Exports

Clearance Dates

Athelcrown, August 13; Probos, August 19; Roxane, August 11

PETROLEUM, CRUDE—85,432 bbls, Roxane, Berre; 94,153 bbls, Athelcrown, Trieste; 73,351 bbls, Probos, Part au Prince

Galveston Exports

Clearance Dates

Arnold Maersk, August 22; Calgarolite, August 18; Kellerwald, August 21; Tercero, August 22

BLACK, CARBON—224 cs, 751 bgs, Kellerwald, Hamburg
PETROLEUM, CRUDE—126,000 bbls, Calgarolite, Halifax
SULPHUR—5,000 tons, Arnold Maersk, Halifax; 5,000 tons, Tercero, Campbellton

Houston Exports

Clearance Dates

Genevieve Lykes, August 20; Kellerwald, August 20; Litiopa, August 18; Rapana, August 23

BLACK, CARBON—(Kellerwald) 200 tons, Bremen; 75 tons, Hamburg
OIL, GAS—6,200 tons, Litiopa, Hamburg
LUBRICATING—(Genevieve Lykes) 3 tons, Port au Prince; 13 tons, San Juan
PETROLEUM, CRUDE—12,000 tons, Rapana, Montreal

Los Angeles Exports

Clearance Dates

Amerika, August 18; Berganger, August 18; Chastine Maersk, August 18; Corabank, August 13; Damsterdyk, August 16; Delftdyk, August 13; Fernmoor, August 19; Fresno Star, August 16; Heina, August 23; Hoegh Merchant, August 11; Kingsley, August 9; Kiyo, August 19; Leikanger, August 12; Norfolk, August 19; Rhemius, August 17; President Van Buren, August 9; San Pedro, August 21; Sangstad, August 18; Santa Rosa, August 7; Sanyo, August 14; Shabonee, August 18; Shinko, June 8; Sveaborg, August 15; Tai Ping, August 16; Taiyo, August 19; Velma, August 16; Wairuna, August 5; Willmoto, August 11.

ACID, BORIC—40 kgs, 8,620 lbs, President Van Buren, Hongkong; (Fresno Star) 2,000 bgs, 224,000 lbs, Liverpool; 1,700 bgs, 190,400 lbs, Newcastle; 1,000 bgs, 112,000 lbs, Kingsley, Vancouver; 40 pkgs, 7,840 lbs, Wairuna, Wellington
CITRIC—5,600 lbs, Hoegh Merchant, Manila
CRESYLIC—1,200 lbs, Hoegh Merchant, Manila
ASPHALT—176 dms, 96,320 lbs, Taiyo, Kobe
BORATE—(Fresno Star) 3,710 bgs, 622,940 lbs, Liverpool; 914 pkgs, 172,620 lbs, London; 1,130 bgs., 169,920 lbs, Sanyo, Osaka; 100 bgs, 11,200 lbs, Wairuna, Wellington
BORAX—100 bgs, 11,200 lbs, President Van Buren, Madras; (Fresno Star) 7,560 bgs, 862,400 lbs, Liverpool; 4,600 bgs, 515,200 lbs, Newcastle; (Sanyo) 200 sks, 22,300 lbs, Yokohama; 800 sks, 89,200 lbs, Osaka; (Wairuna) 20 bgs, 2,240 lbs, Greymouth; 20 bgs, 2,240 lbs, Napier; 130 bgs, 14,560 lbs, Lyttelton; 80 bgs, 8,960 lbs, Dunedin; 245 bgs, 27,440 lbs, Wellington; 310 bgs, 34,720 lbs, Auckland; 600 bgs, 67,200 lbs, Damsterdyk, Rotterdam
CLAY—480 sks, 49,280 lbs, President Van Buren, Bahsein
GROUND—300 bgs, 30,000 lbs, Hoegh Merchant, Singapore
ETHYL ACETATE—11,830 lbs, Chastine Maersk, Hongkong
GASOLINE—3,553 bbls, 927,330 lbs, Sveaborg, Yokohama; 13,566 bbls, 4,007,920 lbs, Corabank, Dairen; 10 bbls, 2,610 lbs, San Pedro, Ensenada; 3,000 cs, 1,050 dms, 585,300 lbs, Hoegh Merchant, Manila
AVIATION—500 dms, 153,570 lbs, Chastine Maersk, Yokohama
ETHYL—5,000 dms, 1,549,320 lbs, Norfolk, Yokohama
GREASE—(Hoegh Merchant) 24 cs, 690 lbs, Sourabaya; 54 cs, 2,100 lbs, Batavia
INFUSORIAL EARTH—20 bgs, 2,030 lbs, Delftdyk, Vancouver; (Chastine Maersk) 670 bgs, 7,200 lbs, Kobe; 900 bgs, 60,480 lbs, Manila; 60 bgs, 5,600 lbs, Santa Rosa, Panama; 100 bgs, 10,080 lbs, Willmoto, Ponce; (Wairuna) 20 bgs, 2,240 lbs, Lyttelton; 712 bgs, 71,680 lbs, Auckland; 448 bgs, 44,800 lbs, Hoegh Merchant, Bombay; (Amerika) 350 bgs, 34,940 lbs, Aarhus; 264 bgs, 26,210 lbs, Rotterdam; 220 bgs, 22,400 lbs, Amsterdam; 374 bgs, 37,410 lbs, Copenhagen; 109 sks, 10,900 lbs, Damsterdyk, Lisbon
KEROSENE—85,270 bbls, 2,430,950 lbs, Corabank, Taku Bar; (Wairuna) 200 cs, 17,000 lbs, Napier; 50 cs, 4,250 lbs, Lyttelton; 150 cs, 12,750 lbs, Dunedin; 60 dms, 250 cs, 42,910 lbs, Wellington; 315 cs, 39 dms, 23,300 lbs, Auckland; (Hoegh Merchant) 1,500 cs, 127,500 lbs, Penang; 1,000 cs, 85,000 lbs, Manila
DISTILLATE—10,197 bbls, 2,875,550 lbs, Rhemius, Hongkong
LACQUER—560 lbs, President Van Buren, Alexandria; 500 lbs, Santa Rosa, Medellin
THINNER—1,060 lbs, President Van Buren, Alexandria; 2,550 lbs, Santa Rosa, Lima
MINERAL SPIRITS—10 dms, 3,410 lbs, Wairuna, Auckland
OIL, DIESEL—3,601 bbls, 1,123,510 lbs, Chastine Maersk, Yokohama; 6,655 bbls, 2,076,360 lbs, Hoegh Merchant, Mambulao; 1,663 bbls, 518,860 lbs, Sangstad, Yokohama; 21,528 bbls, 6,716,740 lbs, Sveaborg, Tsurumi; 29,788 bbls, 9,293,860 lbs, Velma, Antofagasta; 50 bbls, 15,600 lbs, San Pedro, Ensenada; 2,912 bbls, 908,540 lbs, Heina, Yokohama; 3,289 bbls, 1,026,170 lbs, Fernmoor, Kobe
FUEL—34,225 bbls, 1,139,930 lbs, Sveaborg, Tsurumi; (Velma) 800 bbls, 266,400 lbs, Antofagasta; 63,194 bbls, 21,043,600 lbs, Tocopilla; 68,184 bbls, 22,705,270 lbs, Kiyo, Niigata; 9,749 bbls, 3,246,420 lbs, Tai Ping, Manila; 8,339 bbls, 2,776,890 lbs, Shinko, Osaka
LUBRICATING—24 dms, 115 cs, 23,140 lbs, Rhemius, Bangkok; (Wairuna) 17 dms, 84 pls, 60 cs, 19,580 lbs, New Plymouth; 30 pls, 1,550 lbs, Auckland; 3 bbls, 1,160 lbs, San Pedro, Ensenada; (Hoegh Merchant) 40 dms, 19,400 lbs, Sourabaya; 109 dms, 116 cs, 55,820 lbs, Batavia
SALAD—950 lbs, President Van Buren, Manila
PAINT—8,620 lbs, President Van Buren, Bombay
PREPARED—(Hoegh Merchant) 1,380 lbs, Semarang; 34,940 lbs, Palembang
THINNER—1,430 lbs, Hoegh Merchant, Bombay
PETROLEUM, CRUDE—34,576 bbls, 10,787,710 lbs, Sveaborg, Yokohama
POTASH, MURIATE—11,836 bgs, 1,873,910 lbs, Taiyo, Moji
SOAP, POWDER—1,410 lbs, Hoegh Merchant; Batavia
TOILET—410 lbs, President Van Buren, Hongkong
SODA ASH—(Santa Rosa) 200 bgs, 22,050 lbs, Buenaventura; 20 bgs, 4,000 lbs, Panama; 50 bgs, 10,000 lbs, Havana; (Kingsley) 600 bgs, 30,000 lbs, Powell River; 1,786 bgs, 200,630 lbs, Vancouver; (Wairuna) 170 bgs, 38,080 lbs, Christchurch; 10 bbls, 3,000 lbs, Dunedin; 118 bgs, 22,400 lbs, Auckland; 490 bgs, 108,030 lbs, Amerika; Copenhagen
BICHROMATE—2,380 lbs, Kingsley, Vancouver
PHOSPHATE TRI—(Wairuna) 25 bbls, 8,130 lbs, Dunedin; 62 bbls, 20,150 lbs, Wellington
SULPHUR DIOXIDE—750 lbs, Wairuna, Melbourne
TALC—144 sks, 17,960 lbs, President Van Buren, Manila
TOILET PREPS—(President Van Buren) 6,060 lbs, Hongkong; 600 lbs, Singapore; 500 lbs, Sanyo, Dairen; 400 lbs, Rhemius, Hongkong; (Santa Rosa) 1,000 lbs, Caracas; 500 lbs, Medellin
TURPENTINE—10 cs, 800 lbs, Wairuna, Napier
WITCH HAZEL EXTRACT—200 lbs, President Van Buren, Manila

Mobile Exports

Clearance Date

Delaware, August 21

ROSIN—(Delaware) 25 dms, Oslo; 353 bbls, Gothenburg; 110 bbls, Stockholm; 60 bbls, Abo; 25 bbls, Drammen; 75 dms, Gdynia

New Orleans Exports

Clearance Dates

Anubis, August 7; Chemnitz, August 14; Contessa, August 3; Dalvangen, August 3; Edgehill, August 11; Frankenwald, August 5; Goslar, August 2; Montello, August 19; Morazan, August 5; Oakbank, August 21; Volunteer, August 11

ASPHALT—5 tons, Edgehill, Dublin; 130 sx, Frankenwald, Hamburg; (Chemnitz) 26 sx, Bremen; 1,687 sx, Hamburg; 21 sx, Bremen-Hamburg transshipment
BARYTES—1,000 sx, Contessa, Havana
BARK OF ROOT—5 sx, Volunteer, Kobe
BENZOL—97 dms, Goslar, Auckland
BLACK, CARBON—10 cs, Contessa, Valparaiso; (Edgehill) 57 tons, Glasgow; 26 tons, Avonmouth; 10 ctns, Morazan, Vera Cruz; (Goslar) 270 sx, 20 cs, Sydney; 254 cs, Melbourne; 50 cs, Frankenwald, Hamburg; 50 tons, Montello, Genoa; (Chemnitz) 872 sx, Bremen; 281 cs, Hamburg; 124 cs, Bremen-Hamburg; 300 sx, 93 cs, Bremen-Hamburg; (Oakbank) 100 cs, 1,180 bgs, Sydney; 217 cs, 896 sx, Melbourne
CLAY—60 sx, Dalvangen, Ciudad Trujillo; 27 tons, Edgehill, Glasgow
CORN SYRUP—(Edgehill) 41 tons, Glasgow; 41 tons, Dublin; 95 tons, Avonmouth; 60 bbls, Volunteer, Manila
COTTONSEED PULP—2 bls, Volunteer, Osaka
DRUGS—37 cs, Anubis, Shanghai
EXTRACT, TANNING — 22 tons, Morazan, Vera Cruz
TOBACCO—39 bbls, Frankenwald, Bremen; 86 cs, Chemnitz, Bremen
EPSOM SALT — 30 bbls, Morazan, Vera Cruz
FIRECLAY—(Dalvangen) 65 sx, Ciudad Trujillo; 15 dms, La Guaira; 15 dms, 40 sx, Goslar, Auckland; 43 dms, Anubis, Yokohama
GASOLINE—50 bbls, Dalvangen, Ciudad Trujillo; 25 dms, Anubis, Yokohama
GLYCERIN—2 dms, Morazan, Vera Cruz
INFUSORIAL EARTH—896 sx, Oakbank, Adelaide
INSECTICIDE—6 dms, Frankenwald, Bremen-Hamburg
LARD — (Dalvangen) 300 tins, 60 cs, Port au Prince; 100 cans, La Guaira
SUBSTITUTE—45 cs, Volunteer, Kobe
LIME—25 sx, Contessa, Ceiba
MINERAL SP'TS—340 cs, Oakbank, Melbourne
OIL, COTTONSEED—85 cs, Volunteer, Kobe
DIESEL—566 bbls, Dalvangen, Moengo
FUEL—905 bbls, Dalvangen, Moengo; 1,025 bbls, Contessa, Puerto Cabezas
LUBRICATING—(Contessa) 10 dms, Puerto Cabezas; 5 dms, Ceiba; 33 tons, Edgehill, Glasgow; (Goslar) 80 dms, 2 bxs, Sydney; 67 dms, Melbourne; 1,739 bbls, 2 dms, Frankenwald, Hamburg; (Anubis) 300 dms, Yokohama; 18 cs, Shanghai; 65 dms, Osaka; 814 tons, Montello, Genoa; 407 bbls, Chemnitz, Hamburg; (Oakbank) 15 dms, Brisbane; 125 dms, Sydney; 60 dms, Melbourne; 20 dms, Adelaide
PAINT—2 tons, Contessa, Panama; 1 ton, Morazan, Vera Cruz
PARAFFIN—157 sks, Dalvangen, Willemstad; 21 tons, Edgehill, Glasgow; 117 bbls, 1 dm, 3,468 sks, Frankenwald, Hamburg; 4,334 sks, Chemnitz, Hamburg; 50 tons, Edgehill, Avonmouth
PETROLEUM—26 tons, Montello, Naples
PINETAR—20 dms, Goslar, Sydney; (Oakbank) 5 dms, Brisbane; 60 dms, Sydney; 115 dms, Melbourne
PITCH—22 bbls, Oakbank, Brisbane
ROSIN—20 dms, Contessa, Valparaiso; 250 bbls, Frankenwald, Hamburg; 10 dms, Oakbank, Sydney; 80 bbls, Anubis, Yokohama
SALT—25 tons, Contessa, Havana; (Goslar) 200 cs, Brisbane; 300 cs, Sydney; 200 cs, Melbourne; 100 cs, Adelaide

STARCH—27 tons, Edgehill, Avonmouth
SODA, ASH—1,494 sks, Morazan, Vera Cruz
TRIPOLI—(Chemnitz) 33 sks, Bremen; 110 sks, Hamburg
TURPENTINE—200 cs, 40 dms, Goslar, Melbourne; 4 tons, Montello, Genoa

Norfolk Exports
Clearance Dates

Fjeld, August 20; Svaneholm, August 30

DRUGS—2 bxs, 447 lbs, Svaneholm, Gothenburg
POTASH, MURIATE — 5,000 bgs, 496 tons, Svaneholm, Stockholm
SODA, NITRATE—200 bgs, 40,300 lbs, Fjeld, Bridgetown

Philadelphia Exports
Clearance Dates

Awobasan, August 24; Black Eagle, August 21; Cape Sable, August 21; Cexambu, August 24; Chemnitz, August 20; Chincha, August 21; City of Brisbane, August 20; Cold Harbor, August 20; Esturia, August 21; Executive, August 25; Exermont, August 21; Fjeld, August 26; Jenny, August 23; Manchester Exporter, August 24; Primero, August 10; San Simeon, August 23; Tabinta, August 20; Tiradentes, August 27; Troilus, August 21; West Lashaway, August 21

ANTI FREEZE SOL—4 dms, Chemnitz, Hamburg
BENZOL—871 dms, Awobasan, Kobe
CANDLES—1 cs, Caxambu, Rio de Janeiro
CEMENT, FIBER—14 dms, Primero, Montevideo; 1 dm, Black Eagle, Antwerp
GASGET—2 pkgs, Tirandentes, Amsterdam
RUBBER—9 dms, Primero, Montevideo; 3 dms, Black Eagle, Antwerp
CHEMICAL COMP—5 bbls, Chemnitz, Hamburg; 1 pkg, Tiradentes, Rotterdam
CLAY, PIPE—9 pkgs, Manchester Exporter, Sheffield
CLEANER—15 pkgs, Manchester Exporter, Shotton
METAL—2 dms, Chemnitz, Hamburg
COALTAR PROD—33 pkgs, Manchester Exporter, Manchester
COCOA, CAKE—574 pkgs, Tiradentes, Amsterdam
WASTE—1,905 pkgs, Tiradentes, Amsterdam
FIRECLAY—200 bgs, San Simeon, Cristobal
GASOLINE—1 cs, Chemnitz, Hamburg; 80,801 cs, Esturia, Valencia; (West Lashaway) 4,750 cs, 250 dms, Dakar; 300 cs, Bathurst; 3,000 cs, Conakry; 1,000 cs, Freetown; 500 cs, Monrovia; 1,500 cs, Sassandra; 7,250 cs, Port Bouet; 9,000 cs, Takoradi, 3,055 cs, Saltpond; 5,000 cs, Accra; 1,000 cs, Lome; 6,000 cs, Lagos; 5,050 cs, Port Harcourt; 50 cs, Calabar; 4,750 cs, Duala; (Caxambu) 11,000 cs, Santos; 3,000 cs, Rio de Janeiro; 2,000 cs, Victoria
GREASE, LUBRICATING—1 pl, 6 dms, Primero, Montevideo; 23 dms, 25 pls, Tabinta, Bangkok; 200 bbls, 120 cs, 1 dm, Chemnitz, Hamburg; 20 dms, Troilus, Manila; 7 pkgs, Tiradentes, Amsterdam; (West Lashaway) 16 cs, Port Bouet; 1 dm, Takoradi; 30 cs, Lagos; 1 pkg, Manchester Exporter, Liverpool; 34 dms, San Simeon, Guayaquil; (Caxambu) 20 dms, 70 cs, 80 bkts, 30 bbls, Santos; 40 bbls, 40 bkts, 70 cs, Rio de Janeiro; 3 dms, Black Eagle, Antwerp
INSECTICIDE—10 pkgs, Tiradentes, Rotterdam
KEROSENE—(Caxambu) 7,200 cs, Santos; 10,000 cs, Rio de Janeiro; 2,500 cs, Victoria
LICORICE PASTE—(City of Brisbane) 10 cs, Sydney; 5 cs, Melbourne
LINSEED, CAKE—3,212 bgs, Cold Harbor, Manchester; 1,280 pkgs, Manchester Exporter, Liverpool
MEAL—(Pjeld) 2,756 bgs, Barbados; 600 bgs, St Kitts; 125 bgs, Trinidad
MANGANESE ORE CONCE—27 pkgs, Tiradentes, Amsterdam
OIL, COCONUT—31 pkgs, Manchester Exporter, Huddersfield
FUEL—(West Lashaway) 60 dms, Port Bouet; 50 dms, Saltpond; 50 dms, Accra
ILLUMINATING—(West Lashaway) 2,000 cs, Dakar; 250 cs, Conakry; 200 cs, Monrovia; 100 cs, Sassandra; 900 cs, Port Bouet; 1,500 cs, Takoradi; 1,020 cs, Saltpond; 500 cs, Accra; 250 cs, Lome; 1,250 cs, Lagos; 2,050 cs, Port Harcourt; 550 cs, Calabar; 2,000 cs, Duala
LUBRICATING—315 bbls, 65 dms, Cold Harbor, Manchester; 13 dms, Primero, Montevideo; (City of Brisbane) 10 bbls, 70 dms, 273 pkgs, Melbourne; 1,534 pkgs, 120 pls, Fremantle; 39 pkgs, Lae; 5 pkgs, Hobart; 431 pkgs, Sydney; 22 pkgs, Brisbane; 16 pkgs, Port Pirie; 5 pkgs, Launceston; (Tabinta) 55 dms, 25 cs, 286 pkgs, Bangkok; 12 cs, 412 pkgs, Batavia; 532 pkgs, 70 dms, Sourabaya; 65 pkgs, Port Swettenham; 30 pkgs, Penang; 211 pkgs, Padang; 220 pkgs, Palembang; 231 pkgs, Medan; 208 pkgs, Semarang; 32 pkgs, Sibolga; 63 pkgs, Menado; 15 pkgs, Macassar; 705 bbls, 6 dms, 23 pkgs, Chemnitz, Hamburg; 100 bbls, Exermont, Algiers; (Troilus) 520 dms, Manila; 122 dms, 35 cs, Hongkong; 53 cs, Cebu; 2,282 cs, 1,326 dms, Shanghai; (Cape Sable) 20 dms, 5 cs, Pernambuco; 36 bbls, 15 cs, Cabedello; 115 pkgs, Maceio; 33 pkgs, Bahia; 19,970 bbls, 119,737 gls, Jenny, Hamburg; (Tiradentes) 113 pkgs, Rotterdam; 22 pkgs, Amsterdam; 130 dms, Awobasan Maru, Osaka; (West Lashaway) 125 cs, 45 pkgs, Dakar; 70 pkgs, Bathurst; 10 dms, 250 cs, 87 pkgs, Conakry; 10 dms, 84 pkgs, Freetown; 20 pkgs, Monrovia; 120 pkgs, Sassandra; 45 cs, 335 pkgs, Port Bouet; 1 pkg, Accra; 12 dms, 87 pkgs, Lome; 100 dms, 46 cs, 13 pkgs, Lagos; 145 pkgs, Port Harcourt; 10 dms, 6 pkgs, Duala; 160 pkgs, Bamako; 60 pkgs, Grand Bassam; (Manchester Exporter) 405 pkgs, Liverpool; 64 pkgs, Birkenhead; 55 pkgs, Manchester; (San Simeon) 18 dms, Guayaquil; 10 dms, Lima; (Caxambu) 180 dms, 630 cs, 980 ctns, 10 bbls, Santos; 460 dms, 531 cs, Rio de Janeiro; 10 dms, 1 cs, 20 ctns, Victoria; 15 dms, Porto Alegre; 4 dms, Black Eagle, Antwerp; (Executive) 667 pkgs, Piraeus; 480 pkgs, Salonica; 681 pkgs, Istanbul; (Chincha) 55 pkgs, Tanga; 479 pkgs, Dar-es-Salaam; 1,058 pkgs, Mombassa; 5 pkgs, Zanzibar
NEATSFOOT—12 bbls, Exermont, Marseilles
PAINT—125 dms, 486 pls, Primero, Montevideo; 2 cs, 3 dms, Chemnitz, Hamburg; 5 pkgs, Tiradentes, Amsterdam; 2 dms, Black Eagle, Antwerp
PARAFFIN—109 pkgs, Manchester Exporter, Liverpool; (Caxambu) 100 bbls, 100 ctns, Santos; 50 bbls, Rio de Janeiro; 204 bgs, Cold Harbor, Manchester; 816 bgs, Troilus, Hongkong
PETROLATUM—57 dms, Chemnitz, Hamburg
POLISH—7 pls, 1 cs, Primero, Montevideo; 100 pkgs, Tiradentes, Amsterdam
RESIN, COALTAR—5 pkgs, Manchester Exporter, Liverpool
SODA BICHROMATE—2 pls, Primero, Montevideo
SILICATE—9 pkgs, Manchester Exporter, Manchester
TURPENTINE SUBSTITUTE—2,000 cs, Caxambu, Rio de Janeiro
VARNISH—1 pkg, Manchester Exporter, Liverpool

Port Arthur Exports
Clearance Dates

Americano, August 10; Cordelia, August 15; Hilda Knudsen, August 6; Lucia C, August 12; Petrofina, August 18; Polykarp, August 6; South America, August 10; Spidoleine, August 11

ASPHALT—2,432 dms, Lucia C, Venice; (South America) 35 dms, 3 cs, 20 bbls, Gothenburg; 95 bbls, Malmo
GASOLINE—80,009 bbls, Polykarp, Bordeaux; 15,314 bbls, Cordelia, Montreal; 64,818 bbls, South America, Gothenburg; (Petrofina) 57,441 bbls, Thameshaven; 38,422 bbls, Rouen
GREASE, LUBRICATING—10 cs, Lucia C Venice; (South America) 102 cs, 110 dms, Gothenburg; 26 dms, 21 cs, Malmo
KEROSENE — 2 bbls, Lucia C, 6,652 bbls, South America, Gothenburg; 28,229 bbls, Petrofina, Thameshaven
OIL, DIESEL — 3,685 bbls, South America, Gothenburg
LUBRICATING — (Spidoleine) 21,525 bbls, London; 8,813 bbls, Hamburg; 40 bbls, 44 half bbls, Lucia C, Venice; (South America) 270 cs, 324 dms, Gothenburg; 94 dms, 152 cs, Malmo
PETROLEUM, CRUDE—107,907 bbls, Hilda Knudsen, Venice; 75,427 bbls, Cordelia, Montreal; 67,937 bbls, Americano, Venice
SOLVENT, PAINT—10 dms, South America, Gothenburg
WAX—1 cs, South America, Malmo

San Francisco Exports
Clearance Dates

Attila, August 14; Bengalen, August 16; Bokuyo, August 16; Damsterdijk, August 14; Eleonora Maersk, August 13; Fresno Star, August 13; Kingsley, August 16; Mariposa, August 16; President Van Buren, August 14; Silverbelle, August 12; Silversandal, August 11; Talamance, August 13

ABRASIVE PAPER—1 cs, Silverbelle, South Africa
ACETONE—140 dms, Silverbelle, South Africa; 6 dms, Damsterdijk, Holland
ACID, BORIC—1 bbl, 145 sks, Marinosa, Australia; 20 cs, 10 kgs, 5 bbls, Kingsley, Vancouver
OXALIC—2 bbls, Kingsley, Vancouver
PHOSPHORIC—1 crby, Kingsley, Vancouver
AMMONIA SULPHATE—11,393 sks, Bengalen, Iloilo
AMMONIAC, SAL—11 dms, Kingsley, Vancouver
SAL SKIMMINGS—32 dms, President Van Buren, Osaka
APRICOT KERNELS—(Damsterdijk) 1,300 sks, Holland; 200 sks, Damsterdijk, England
ASPHALT—773 dms, Silverbelle, South Africa; (President Van Buren) 175 dms, Bombay; 50 dms, Madras; 1,015 dms, Shanghai; (Bengalen) 5,249 dms, Calcutta; 1,518 dms, Singapore-Port Swettenham-Penang; 950 dms, Manila; 93 dms, Mariposa, Australia; 20 dms, Bokuyo, Valparaiso; 212 bbls, Damsterdijk, England
GILSONITE—200 sks, Bengalen, Calcutta
BARIUM SULPHATE—3 cs, Mariposa, Australia
BAY LEAVES—3 bls, Kingsley, Vancouver
BIOLOGICALS—1 cs, Mariposa, Australia
BLUE, ULTRAMARINE, POWD — 1 dm, Kingsley, Vancouver
BONEMEAL—1,500 sks, Kingsley, Vancouver
BORAX—123 sks, Mariposa, Australia; 40 sks, 10 bbls, Kingsley, Vancouver
CALCIMINE—(President Van Buren) 2 cs, Madras; 3 kgs, 17 cs, Bombay
CALCIUM PHOSPHATE, TRI—9 sks, Mariposa, New Zealand
SULPHATE, ANHYDR—2 bbls, Mariposa, Australia
CARBON, SHELL—(Damsterdijk) 55 cs, 100 sks, Holland; 1 cs, Damsterdijk, England
CASCARA SAGRADA—66 sks, Mariposa, New Zealand
CASSIA—21 bls, Mariposa, Australia
CEMENT, CAN—62 dms, Kingsley, Vancouver
JOINT—1 dm, Kingsley, Vancouver
LINOLEUM—25 dms, President Van Buren, Bombay
LIQUID—46 dms, Mariposa, Australia
RADIATOR—11 cs, Kingsley, Vancouver
ROOFING—(Silverbelle) 34 cs, 3 dms, South Africa; 8 cs, East Africa; 16 cs, President Van Buren, Singapore
RUBBER—4 dms, Mariposa, New Zealand; 2 cs, Kingsley, Vancouver
CHEMICALS—4 cs, Damsterdijk, England; 10 dms, 1 cs, 1 bbl, Mariposa, Australia; 1 cs, Kingsley, Vancouver
CLEANER—12 cs, Silversandal, Philippine Islands; (Mariposa) 2 cs, Fiji Islands; 1 cs, New Zealand; 2 cs, President Van Buren, Shanghai; 50 cs, Kingsley, Shellburn; 657 cs, Vancouver
GLASS—400 cs, Kingsley, Shellburn
HOUSEHOLD—100 cs, Kingsley, Vancouver
CLOVES—13 sks, Mariposa, Australia
COALTAR INTERMEDIATES—9 dms, President Van Buren, Osaka
COLOR, DRY—(President Van Buren) 25 bbls, Hongkong; 5 dms, Manila; 1 kg, Kingsley, Victoria
CYCROPOPANE GAS—1 crt, Mariposa, New Zealand
DENTIFRICE—30 cs, President Van Buren, Singapore
DISINFECTANT—50 cs, Kingsley, Vancouver
DRUGS—14 cs, Silversandal, Philippine Islands; (President Van Buren) 2 cs, Shanghai; 81 cs, Manila; 20 pkgs, President Van Buren, Madras; 24 pkgs, President Van Buren, Bombay; (Mariposa) 1 cs, Fiji Islands; 62 cs, Australia
EUCALYPTOL—1 cs, Mariposa, New Zealand
FILLER, WOOD—29 cs, Silverbelle, South Africa
FILTER PAPER—2 cs, Mariposa, Fiji Islands
FIRECLAY—(Talamanca) 20 sks, Panama; 28 sks, Colon; 50 dms, Bengalen, Manila
FLUX—20 cs, Silverbelle, South Africa
GASOLINE — (Attila) 34,000 bbls, Hankow; 36,000 bbls, Shanghai; 60 dms, Kingsley, Shellburn
AVIATION—20,000 bbls, Attila, Shanghai
GINGER ROOT—37 sks, Mariposa, Australia
GLAUBER'S SALT—20 bbls, Kingsley, Vancouver
GLUE, VEGETABLE LIQ—1 dm, Kingsley, Vancouver
GREASE, LUBRICATING — (President Van Buren) 10 dms, 6 pls, Manila; 25 dms, 30 pls, Shanghai; (Bengalen) 22 dms, Penang-Port Swettenham-Singapore; 5 dms, Manila; 8 cs, Cebu; 241 dms, Mariposa, Australia; (Kingsley) 60 tanks, 215 pls, 266 cs, Shellburn; 155 bbls, 205 pls, 116 cs, Vancouver
GUM, ADHESIVE—10 pls, Mariposa, New Zealand
CHICLE—114 bbls, 1 cs, Mariposa, Australia
COMPOUND, SYNTH — 13 dms, Mariposa, Australia
MASTIC—1 dm, President Van Buren, Manila
SHELLAC—5 bbls, Kingsley, Vancouver
TRAGACANTH — 1 dm, Mariposa, New Zealand
INK, PRINTING—(President Van Buren) 20 bbls, 14 dms, 7 pls, Shanghai; 6 cs, Bombay; 24 pls, Kingsley, Vancouver
INSECTICIDE, LIQ—1 dm, President Van Buren, Nanking
IRON OXIDE—15 bbls, Mariposa, Australia
KEROSENE—500 dms, Silversandal, Philippine Islands
DISTILLATE—82,809 bbls, Eleonora Maersk, Curacao
LACQUER — (Silverbelle) 50 pls, 1 cs, Africa; 177 pls, 238 cs, South Africa; 2 cs, President Van Buren, Bombay; 3 cs, Kingsley, Vancouver
THINNER—(Silverbelle) 2 dms, Africa; 35 cs, 32 dms, 198 pls, South Africa; 17 cs, Bengalen, Calcutta
LEAD ARSENATE — (Mariposa) 126 cs, Tasmania; 70 dms, Australia
RED, DRY—10 kgs, President Van Buren, Manila
LITHARGE—20 bbls, President Van Buren, Manila
LITHOPONE—1,000 sks, Kingsley, Victoria
MAGNESIA—1 cs, President Van Buren, Manila
MEDICINAL PREPS — (President Van Buren) 2 cs, Bombay; 1 cs, Bangkok; (Bengalen) 10 cs, Rangoon; 27 pkgs, Calcutta; 4 cs, Mariposa, Australia
MENTHOL — 1 cs, Mariposa, New Zealand
MILK SUGAR—5 bbls, Bengalen, Lucknew
METHYL CHLORIDE—6 dms, Fresno Star, England
ETHYL KETONE — 110 dms, Silverbelle, South Africa
NAPHTHA — 2 bbls, Kingsley, Vancouver
NITROUS OXIDE — 10 crts, Mariposa, New Zealand
NUTMEGS — 25 cs, Damsterdijk, United Kingdom-Holland; 14 sks, Mariposa, Australia
OAK CHIPS—15 bbls, President Van Buren, Manila
OIL, BATCHING — 7,575 bbls, Bengalen, Calcutta
COCONUT—51 bbls, Mariposa, New Zealand
DIESEL—7,070 bbls, Silversandal, China
ENGINE—4 bbls, President Van Buren, Nanking
GAS—34,971 bbls, Eleonora Maersk, Curacao; 1 dm, President Van Buren, Nanking
GRAPESEED—5 cs, Damsterdijk, England
GUN—1 cs, Mariposa, New Guinea
LINSEED—18 cs, President Van Buren, Manila
LUBRICATING — (Silverbelle) 65 dms, Durban; 1,540 dms, 695 cs, South Africa; (President Van Buren) 470 dms, Colombo; 10 dms, Manila; 208 dms, Shanghai; 150 dms, Bombay; 85 dms, Hongkong; 32 dms, Kobe; 850 dms, 200 cs, (Bengalen) Calcutta; 433 dms, Penang-Port Swettenham-Singapore; 1 cs, 100 dms, Penang; 450 dms, Singapore 25 dms, Port Swettenham; 110 dms, Cebu; (Mariposa) 20 dms, New Zealand; 2,480 dms, 1 cs, Australia; (Kingsley) 102 dms, Shellburn; 149 dms, 2 cs, Vancouver
MINERAL, WHITE—267 cs, Kingsley, Vancouver
MOTOR—5 bbls, Mariposa, Fiji Islands
PERILLA—5 dms, Bokuyo, Manzanillo
PUTTY—6 dms, Mariposa, Australia
WHITE—25 dms, President Van Buren, Manila
ONION POWDER—2 dms, Mariposa, Australia
OXYGEN—9 cyls, Talamanca, Cristobal
COMPOUND—6 crts, Mariposa, New Zealand
PAINT—(Silverbelle) 4 cs, East Africa; 15 pls, 11 dms, 141 cs, South Africa; (President Van Buren) 141 pls, 81 cs, Bombay; 20 pls, 28 cs, Colombo; 360 cs, 10 dms, 10 pls, Singapore; 84 cs, 240 pls, 1 dm, Madras; 525 cs, 240 kgs, 2 dms, Manila; 45 pls, 5 cs, Bengalen, Calcutta; (Mariposa) 6 cs, Samoa; 15 pkgs, Fiji Islands; 1 crt, 1 cs, Australia
ENAMEL—30 cs, Silverbelle, South Africa; 2 cs, Kingsley, Vancouver
LIQUID—2 cs, Mariposa, Fiji Islands
PREPARED—5 cs, President Van Buren, Bahrein; 3 cs, Mariposa, Samoa
THINNER—13 cs, President Van Buren, Manila
PARAFFIN—10 dms, 20 sks, Kingsley, Vancouver
PEPPERMINT—1 cs, Mariposa, New Zealand
PEPSIN—1 cs, Mariposa, Australia
PETROLEUM—55 dms, 3,000 cs, Silverbelle, South Africa
REFINED—9 cs, 1 dm, Kingsley, Vancouver
PIMENTOS—11 sks, Mariposa, Australia
POLISH, METAL—1 dm, Kingsley, Vancouver
POLISHING MATERIAL—15 pls, 10 cs, Silverbelle, South Africa; 1 cs, 1 dm, Mariposa, New Zealand
POTASH XANTHATE—560 dms, Silverbelle, Northern Rhodesia; 15 dms, Bengalen, Manila
PRUNE CONC — 1 cs, Damsterdijk, United Kingdom
PUTTY—3 cs, Silverbelle, South Africa
QUEBRACHO EXTRACT—600 sks, Mariposa, Australia
RESIN, SYNTH—8 bbls, President Van Buren, Hongkong
ROSIN—7 dms, 1 cs, Mariposa, Australia
ROUGE, BLACK—4 cans, Kingsley, Vancouver
SACCHARIN—1 cs, Mariposa, New Zealand
SALT—(Mariposa) 4,000 cs, Australia; 500 cs, New Zealand; (Kingsley) 320 sks, 200 blks, Vancouver; 2,400 sks, British Columbia
IODIZED—400 cs, Mariposa, New Zealand
SHELLAC, GASKET—1 cs, Mariposa, Australia
SIZE—6 cs, President Van Buren, Manila
SOAP, LAUNDRY—1 cs, Silverbelle, Africa
LIQUID—1 dm, Mariposa, New Zealand; 1 cs, Kingsley, Vancouver
SCOURING—1 cs, Silverbelle, East Africa
SOFT—1 kg, 2 pls, Kingsley, Vancouver
TOILET—1 cs, Silverbelle, Africa; 120 cs, Talamanca, Balboa; (Mariposa) 1 cs, Samoa; 1 cs, New Guinea
SODA—20 cs, President Van Buren, Mukden
BENZOATE—1 cs, Mariposa, New Zealand
CAUSTIC—5 dms, Bengalen, Manila
MONOMETAPHOSPHATE — 103 sks, Mariposa, New England
XANTHATE—2 dms, Mariposa, Australia; 100 dms, Kingsley, Flin Flon
PHOSPHATE—1 cs, Mariposa, New Zealand
SILICATE—50 dms, Mariposa, New Zealand; 20 sks, 28 bbls, 48 dms, Kingsley, Vancouver
SOLVENT—(Damsterdijk) 4 pls, Holland; 74 dms, England; 45 dms, Kingsley, Shellburn
SULPHUR—200 sks, Silverbelle, South Africa; 130 sks, Mariposa, New Zealand; 1 bbl, Kingsley, Vancouver
ATOMIC—125 kgs, Mariposa, Tasmania
DRITOMIC—41 cs, Mariposa, Tasmania
GROUND—2,320 sks, Mariposa, Australia
REFINED—400 sks, Mariposa, Australia
TANKAGE, ANIMAL — 1,110 sks, Damsterdijk, England
TIMBO ROOTS—300 bls, Mariposa, Australia
TOILET PREPS—(President Van Buren) 2 cs, Shanghai; 3 cs, Bombay; 5 cs, Manila; 98 cs, Damsterdijk, England; (Mariposa) 2 cs, Papua; 5 cs, New Zealand; 3 cs, Tonga Islands; 1 cs, Australia
TREE, SPRAY—12 tanks, 4 pls, 8 dms, Silverbelle, South Africa
WASH, DRY—(Mariposa) 40 cs, Australia; 10 cs, New Zealand
TURPENTINE—10 cs, President Van Buren, Manila
TRIPOLI—600 sks, Mariposa, Australia
VANILLA BEANS—4 cs, Kingsley, Vancouver
VARNISH—1 cs, President Van Buren, Bombay; 1 cs, Kingsley, Vancouver
REMOVER—2 cs, President Van Buren, Manila
VERMIN EXTERMINATOR—2 cs, Silverbelle, South Africa
WATERPROOFING COMP—2 dms, Mariposa, Australia
WEED KILLER—1 cs, President Van Buren, Manila
WOODFLOUR—25 sks, Mariposa, New Zealand
ZINC DUST—22 cs, Damsterdijk, Peru; 145 dms, Bengalen, Manila; 160 cs, Mariposa, New Zealand

Savannah Exports
Clearance Dates

Capillo, August 18; Ciesy, August 24; City of Lyons, August 24; Kota Radja, August 21; Rio Dorado, August 21

CHEMICALS—2,100 bgs, Ciessy, Havana
INK—1 dm, Cissy, Havana
OIL—15 dms, Capillo, Buenos Aires
ROSIN, GUM—(Capillo) 170 bbls, 50 dms, Rio de Janeiro; 100 bbls, Sao Francisco; 637 bbls, 500 dms, Santos; 50 bbls, Montevideo; 1,550 bbls, 350 dms, Buenos Aires; (Kota Radja) 90 bbls, Bangkok; 100 bbls, Batavia; 450 bbls, Samarang; 300 bbls, Sourabaya; 1,000 bbls, City of Lyons, Manila
WOOD—72 bbls, Kota Radja, Bangkok
SUPERPHOSPHATE—3,342 tons, Cissy, Havana
TURPENTINE, GUM—(Capillo) 100 cs, Sao Francisco; 100 cs, Montevideo
WOOD—20 dms, Kota Radja, Singapore

Tampa Exports
Clearance Dates

Bockenheim, August 20; Cuba, August 7; Miss C B, August 24; Sorvangen, August 5; Vestvangen, August 18

CARBIDE—5 cans, Miss C B, Tumaco
DYES—1 bbl, Vestvangen, Kingston
INSECTICIDE—3 dms, Vestvangen, Kingston
OIL, LUBRICATING—7 cans, Miss C B, Tumaco
PAINT, ASPHALT—20 cs, Cuba, Havana
PARAFFIN, LIQ—5 dms, Sorvangen, Kingston
PHOSPHATE—4,194 tons, Bockenheim, Hamburg

Coastwise Shipments

Corpus Christi Coast Trade

GASOLINE—90,207 bbls, John Worthington, Baytown; 5,089 bbls, R R Resor, Baytown
OIL, FUEL—29,947 bbls, Cities Service Ohio, New York; 2,072 bbls, John Worthington, Baytown
GAS—36,698 bbls, Cities Service Ohio, New York
HEATING—74,405 bbls, E J Bullock, Baytown
PETROLEUM, CRUDE — 77,218 bbls, Atlas, Port Arthur; 52,587 bbls, Chiloil, New York; 92,176 bbls, Dannedaike, Texas City; 74,792 bbls, W E Hutton, Smiths Bluff; 30,015 bbls, Federal, Houston; 145,042 bbls, Derbyline, Port Arthur; 97,331 bbls, R G Stewart, Baytown; 52,067 bbls, Ruth Kellogg, Miami; 69,741 bbls, Cities Service Koolmotor, Philadelphia; 144,790 bbls, W S Farish, Baytown; 111,743 bbls, F Q Barstow, Baytown; 66,063 bbls, Alpha, Baytown; 75,477 bbls, Astral, New York; 114,173 bbls, Beacon, Baytown; 105,206 bbls, Fred W Weller, Baytown; 138,104 bbls, Charles G Black, Baytown; (Thermo) 47,619 bbls, Texas City; 46,642 bbls, Baytown; 47,494 bbls, Castana, New London; 56,465 bbls, Paco, Texas City; 71,567 bbls, M F Elliot, Baytown; 112,635 bbls, J A Moffett Jr, Baytown; 149,365 bbls, John D Archbold, Baytown; 101,748 bbls, Vistula, Baytown; 110,856 bbls, James McGee, Baytown

Los Angeles Coast Trade

GASOLINE — 69,130 bbls, Mojave, Seattle; 55,550 bbls, Arizona, Seattle; 3,616 bbls, S & C No 2, San Diego; 57,000 bbls, Hagan, Seattle; 65,385 bbls, Agwiworld, Portland; 6,650 bbls, La Purisima, San Diego; 71,000 bbls, Baldbutte, Portland; 4,777 bbls, S & C No 41, San Diego; 2,207 bbls, La Purisima, Oleum; 5,277 bbls, S & C No 2, San Diego; 85,000 bbls, Elwood, Sewaren
KEROSENE—4,500 bbls, Baldbutte, Portland; 4,461 bbls, La Purisima, Oleum
OIL, DIESEL—5,867 bbls, Mojave, Seattle; 19,000 bbls, Hagan, Seattle; 17,934 bbls, Agwiworld, Portland; 12,463 bbls, La Purisima, San Diego; 8,000 bbls, Baldbutte, Portland
FUEL—7,839 bbls, Mojave, Seattle; 42,037 bbls, La Placenta, Astoria; 52,550 bbls, Brazos, San Diego; 38,000 bbls, S O Barge No 95, Richmond; 13,616 bbls, La Purisima, San Diego; 2,468 bbls, Coast Merchant, Seattle; 48,927 bbls, Topila, Everett; 3,000 bbls, Scotia, Eureka; 31,986 bbls, La Purisima, Oleum
FURNACE—7,514 bbls, La Purisima, Oleum
SOLVENT, CLEANING—4,406 bbls, La Purisima, Oleum

GASOLINE (Continued):—

San Francisco Coast Trade

ACID—12 tons, Portland, Portland, Ore
BORIC—300 sks, Portland, Seattle
AGAR AGAR—2 bls, Columbian, Portland, Ore
ALUMINA SULPHATE—800 sks, Silverado, Port Angeles
50 tons, Portland, Long View
ASPHALT—191 bbls, Point San Pedro, Seattle
38 tons, Texan, New York
20 tons, Portland, Portland, Ore
100 dms, Peter Helms, Seattle
BONE MEAL—800 sks, Munami, Portland, Ore
500 sks, Silverado, Tacoma
BRAKE FLUID—12 cs, Nevadan, Seattle
CASEIN—23 tons, Texan, New York
CEMENT, LINOLEUM—6 tons, Texan, New York

CLAY, CALCINED—23 tons, Texan, New York
FIRE—3 tons, Texan, New York
30 tons, Portland, Longview
CHLORINE BLEACH, LIQUID — 7,000 cs, Point Brava, New Orleans
600 cs, Peter Helms, Seattle
28 tons, Indianan. Bridgeport
COLOR, EARTH—11 tons, Texan, New York
CREAM TARTAR—19 tons, Texan, Boston
DRUGS—10 cs, Nevadan, Seattle
10 cs, Nevadan, Tacoma
14 cs, Columbian, Portland, Ore
FILLER, WOOD—5 cs, Nevadan, Seattle
GLUE—137 tons, Kentuckian, Norfolk
GREASE, LUBRIC—16 tons, Texan, New York
INFUSORIAL EARTH—520 pkgs, Munami, Portland, Ore
LARD SUBSTITUTE—17 tons, Portland, Portland, Ore
LIME—1,200 sks, Peter Helms, Seattle
LITHARGE—18 tons, Everett, Brooklyn
MAGNESITE—343 tons, Texan, Philadelphia
148 tons, J L Luckenbach, New York
11 tons, J L Luckenbach, Philadelphia
450 tons, Kentuckian, Philadelphia
MILK POWDER—22 tons, J L Luckenbach, Boston
20 tons, J L Luckenbach, New York
MINERALS—400 sks, Charles L Wheeler, Jr, Portland, Ore
OIL, LUBRICATING—340 cs, 34 dms, Nevadan, Seattle
20 cs, Nevadan, Tacoma
42 tons, Texan, New York
28 tons, Everett, Baltimore
60 tons, Lena Luckenbach, New Orleans
OLEOMARGARIN—83 cs, Coast Miller, Portland, Ore
PAINT—27 cs, Nevadan, Seattle
632 pkgs, Peter Helms, Tacoma
126 cs, Nevadan, Tacoma
53 tons, Portland, Portland, Ore
190 dms, Point Brava, Houston
MATERIAL—351 pls, Nevadan, Seattle
REDUCING COMP—3 cs, Nevadan, Seattle
16 cs, Nevadan, Tacoma
PETROLEUM PRODUCTS—113 tons, Portland, Portland, Ore
26 tons, Portland, Astoria
QUICKQSILVER—3 tons, Texan, New York
SALT—570 pkgs, 480 sks, Munami, Portland, Ore
800 cs, 960 pkgs, Point San Pedro, Seattle
1,400 sks, 1,083 tons, Point San Pedro, Tacoma
525 pkgs, 63 tons, Silverado, Seattle
132 tons, Coast Shipper, Bellingham
47 tons, Coast Miller, Portland, Ore
1,568 pkgs, Samoa, Portland, Ore
720 sks, Peter Helms, Seattle
1,280 sks, Charles L Wheeler Jr, Portland, Ore
SOAP—925 pkgs, Peter Helms, Seattle
1,487 cs, F J Luckenbach, Portland, Ore
11 tons, J L Luckenbach, New York
15 tons, Coast Miller, Portland, Ore
1,000 pkgs, Samoa, Portland, Ore
AND LARD SUBSTITUTE—304 tons, Peter Helms, Portland, Ore
SODA HYPOCHLORITE — 227 tons, Lena Luckenbach, New Orleans
SILICATE—101 tons, Portland, Longview
400 sks, Peter Helms, Tacoma
33 tons, Lena Luckenbach, Houston
TALLOW—23 tons, Texan, Philadelphia

Cargo Ship Arrivals

August 28 to September 10

New York

Almena	Puerto Plata	Sept 1
Amapala	La Ceiba	Sept 3
American	Seattle*	Sept 8
American Shipper	Manchester*	Sept 6
American Trader	London	Sept 6
Angelina	San Juan	Aug 30
Argosy	Gothenburg*	Sept 8
Atlantida	La Ceiba	Sept 10
Baghdad	Hamburg	Sept 8
Bayard	Antwerp	Aug 30
Black Falcon	Antwerp*	Sept 6
Black Gull	Antwerp*	Aug 30
Black Heron	Antwerp*	Sept 9
Black Osprey	Antwerp*	Sept 4
Buenaventura	Port au Prince*	Sept 7
Calamares	Santa Marta*	Sept 8
Canadian Challenger	Auckland*	Sept 10
Carabobo	Curacao*	Sept 6
Cauto	Tampico*	Sept 5
Cavallo	Hull*	Aug 30
City of Hankow	Calcutta*	Sept 8
City of Singapore	Batavia*	Sept 5
Clement	Manaos*	Sept 2
Cliffwood	Buenos Aires*	Sept 10
Coamo	Trujillo*	Sept 6
Collingsworth	Buenos Aires*	Sept 5
Conte di Savoia	Genoa*	Sept 9
Edam	Rotterdam	Sept 6
Estrella	Marseilles*	Sept 1
Europa	Bremen*	Sept 10
Exeter	Beirut*	Sept 1
Exminster	Salonica*	Sept 7
Flora	Maracaibo*	Sept 6
Forbes Hauptman	Seattle*	Sept 10
Fort Amherst	St Pierre*	Sept 2
Fort Townshend	St Pierre*	Sept 9
Frida	Callao*	Sept 4
Gerolstein	Antwerp	Sept 9
Glaucus	Batavia*	Sept 8
Gloucester City	Bristol*	Sept 5
Golden Cloud	Honolulu*	Sept 6
Hamaku	Honolulu*	Aug 31
Hamburg	Hamburg*	Sept 10
Hawaiian	Astoria*	Sept 2
Hegira	Portland*	Sept 6
Hellen Whittier	Honolulu*	Sept 3
Ile de France	Havre*	Sept 9
J L Luckenbach	Tacoma*	Sept 3
Jean Jadot	Antwerp	Sept 10
Jefferson Myers	Seattle*	Sept 4
Kentuckian	Longview*	Sept 7
Kinai	Manila*	Sept 10
Kungsholm	Gothenburg	Sept 10
Liberty Glo	Seattle*	Sept 10
Lihue	Honolulu*	Sept 2
Lillian Luckenbach	Portland*	Sept 8
Maine	Honolulu*	Sept 4
McKeesport	Liverpool*	Sept 8
Munargo	Havana*	Sept 2
Musa	Puerto Barrios*	Sept 2
New York	Hamburg*	Sept 6
Nordkap	Santos*	Sept 1
Paraguayo	Montevideo*	Sept 10
Paris	Havre*	Sept 8
Pastores	Cristobal*	Sept 6
Platano	Puerto Barrios*	Sept 9
Ponce	San Juan	Sept 7
President Adams	Manila*	Sept 7
Queen Mary	Southampton*	Sept 6
Raby Castle	Yawata*	Sept 9
Robin Goodfellow	Mombasa*	Sept 10
Rosario	San Juan	Sept 6
San Juan	San Juan	Aug 31
San Marcos	Seattle*	Aug 30
San Rafael	Portland*	Sept 10
Santa Lucia	Valparaiso*	Aug 30
Santa Paula	San Francisco*	Sept 7
Scanmail	Gothenburg*	Sept 6
Scythia	Liverpool*	Sept 6
Seatrain New York	New Orleans*	Sept 7
Seatrain Havana	New Orleans*	Aug 31
Siboney	Vera Cruz*	Aug 31
Steel Exporter	Everett*	Aug 31
Steel Worker	Kaanapali*	Sept 8
Tabian	Batavia*	Aug 30
Tai Yang	Manila*	Aug 30
Texan	Seattle*	Sept 4
Toloa	Santa Marta*	Sept 1
Transylvania	Glasgow*	Sept 6
Trongate	Marseilles*	Sept 2
Tuscaloosa City	Honolulu	Sept 7
Utsire	Casablanca*	Sept 7
Vincent	Dunkirk*	Sept 2
Voroshilov	Leningrad	Sept 1
W R Keever	Vancouver*	Sept 4
West Humhaw	Freetown*	Sept 10
Western World	Buenos Aires*	Sept 8
Wind Rush	Astoria*	Aug 31
Yucatan	Vera Cruz*	Sept 7

* And other ports

Recent Charters

FLAXSEED—4,800 tons, S S Irland, Bombay to picked ports United Kingdom, Continent, 42s 6d; September 25-October 25
MANGANESE — 7,500 tons, S S Fronia, Marmagea to Antwerp, 33c; September-October
ORE—6,300 tons, S S Kyma, Poti to Antwerp, 19s 6d; September
6,000 tons, S S ——, Benisaf to Glasgow, 13s; August
4,800 tons, S S ——, Bona to Middlesbrough, 13s; September
PETROLEUM — —— tons, S S Oiltrader, gas oil, Aruba to United Kingdom-Continent, 22s; September
—— tons, S S Raila, clean, Aruba to United Kingdom-Continent, 22s 6d; September
—— tons, S S Lucerna, clean, Aruba to United Kingdom-Continent, 22s 6d; September
—— tons, Evita, clean, Aruba to United Kingdom-Continent, 22s 6d; September
4,000 tons, S S Deodata, dirty, three months' time charter, £3,200; August
70,000 bbls, S S ——, fuel oil, Gulf to North of Hatteras, 35c; September
8,000 tons, S S Nyholm, dirty, Iraq to United Kingdom-Continent, 16s 1½d; September
17,000 tons, S S Athelcrown, crude, Iraq to Swansea, 15s 3d; September
70,000 bbls, S S ——, fuel oil, Gulf to North of Hatteras, 36c; September
6,800 tons, S S Vandura, clean, Gulf to United Kingdom - Bordeaux - Hamburg range, 29s 3d; option Mediterranean, 32s 9d; September
6,300 tons, S S Woensdrecht, clean, North Hatteras to Bordeaux-Hamburg range, 21s 6d, if loaded at Gulf, 20s; September
8,000 tons, S S Dovrefjell, dirty, Iraq to United Kingdom-Continent, 16s 1½d; September
7,000 tons, S S ——, dirty, California to Japan, 30s
—— tons, S S Pat Doheny, Gulf to North Hatteras; September
12,000 tons, S S Alexandra Hoegh, Aruba, Curacao to United Kingdom-Bordeaux-Hamburg range, 21s 6d, option French ports, 9d extra; September
—— tons, S S Castana, clean, Baton Rouge to Perth Amboy, 35c; September
—— tons, S S ——, clean, Gulf to North Hatteras, 33c; September
—— tons, S S ——, fuel oil, Gulf to North Hatteras, 34½c; September
14,500 tons, S S Eleanor Maersk, dirty, Abaddan to United Kingdom-Continent, 22s 6d; September
PETROLEUM—9,800 tons, S S Dav, clean, Aruba to Lagos, 27s; October
13,000 tons, S S Athel, dirty, California to Japan, 32s; October
—— tons, S S Polartank, gas oil, Aruba to United Kingdom, Continent, 22s; if loaded at Gulf, 25s 6d; September
—— tons, S S Vinga, dirty, Rio de Janeiro or Santos; September
—— tons, S S —— clean, Gulf to North Hatteras, 40c; August
14,500 tons, S S Kaldfonn, dirty, Aruba to United Kingdom, Continent, 21s; September
14,000 tons, S S Petter, dirty, Aruba to United Kingdom, Continent, 21s; September
—— tons, S S ——, dirty, Gulf to North of Hatteras, about 35c; August
8,000 tons, S S Solstad, gas oil, Gulf to United Kingdom, Continent, 25s 6d; if loaded at Aruba, 22s; September
11,040 tons, S S Thorshavn, Antarctic, 16s; October-November
13,000 tons, S S ——, Aruba to United Kingdom, Continent, 21s; September
8,000 tons, S S Bianca, gas oil, Gulf to United Kingdom, Continent, 26s 6d; September
10,475 tons, S S Beth, Antarctic, 16s; October-November

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administration that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended September 1

Aloe, 9 cases; not official variety.
Aloe, 50 cases; excessive moisture.
Carobs bean, 100 cases; wormy.
Coriander seed, 171 bags; filthy.
Cumin seed, 10 long tons; filthy.
Gentian root, 473 bales; excessive moisture.
Medicinal preparation, 130 packages; false and misleading statements.
Medicinal preparations, 92 packages; false therapeutic claims.

Atlanta

Week Ended September 1

Medicinal preparation, 1 package; false therapeutic claims.

Buffalo

Week Ended September 1

Medicinal preparations, 20 packages; false therapeutic claims.

Los Angeles

Week Ended August 26

Nutmegs, 30 bags; filthy.

Philadelphia

Week Ended September 1

Medicinal preparations, 10 packages; false therapeutic claims.

Cottonseed Statistics: August-July

Cottonseed received at mills, crushed, and held, and cottonseed products manufactured, shipped out, and held, August 1 to July 31, 1937, and 1936, amounted, according to the Bureau of Census, to the following quantities:—

Cottonseed

Received, Crushed and Held

	Received at mills* Aug. 1 to July 31.		Crushed Aug. 1 to July 31.		On hand at mills July 31.	
	1937.	1936.	1937.	1936.	1937.	1936.
	Tons					
United States	4,516,464	3,750,102	4,498,372	3,817,751	39,783	21,926
Alabama	333,652	291,217	334,076	299,490	293	717
Arkansas	451,779	294,685	452,021	296,468	384	626
California	174,513	93,610	170,153	92,851	5,468	1,108
Georgia	476,673	427,212	475,969	447,503	2,346	1,877
Louisiana	241,340	177,708	242,825	177,397	189	1,674
Mississippi	835,455	528,142	829,375	539,118	8,116	2,036
North Carolina	232,943	224,000	233,117	233,387	516	690
Oklahoma	83,728	192,293	84,269	193,481	514	1,055
South Carolina	221,673	208,757	222,219	209,333	639	1,185
Tennessee	356,941	231,602	357,326	235,197	426	811
Texas	945,089	976,664	934,671	989,200	20,294	9,876
All other states	162,678	104,212	162,351	104,326	598	271

* Includes seed destroyed at mills but not 21,926 tons and 89,575 tons on hand August 1, nor 100,123 tons and 60,242 tons reshipped for 1937 and 1936, respectively.

Cottonseed Products

Manufactured, Shipped Out, and Held

	On hand August 1.	Produced Aug. 1 to July 31.	Shipped out Aug. 1 to July 31.	On hand July 31.
Crude oil, pounds—				
1936-1937	*19,191,508	1,364,361,227	1,370,351,363	*9,684,412
1935-1936	28,262,543	1,163,736,415	1,165,945,458	19,191,508
Refined oil, pounds—				
1936-1937	†318,873,305	‡1,308,740,369	.....	†440,947,270
1935-1936	444,833,215	1,091,777,201	.....	318,873,305
Cake and meal, tons—				
1936-1937	65,053	2,030,698	2,054,667	41,084
1935-1936	198,367	1,738,883	1,872,197	65,053
Hulls, tons—				
1936-1937	23,893	1,146,329	1,126,984	43,328
1935-1936	76,604	987,849	1,049,560	23,893
Linters, running bales—				
1936-1937	43,819	1,131,295	1,114,271	60,843
1935-1936	71,292	876,215	903,688	43,819
Hull fiber, 500-lb. bales—				
1936-1937	88	48,265	46,535	1,818
1935-1936	1,332	37,261	38,505	88
Grabbots, motes, etc., 500-lb. bales—				
1936-1937	2,991	53,357	49,064	7,284
1935-1936	5,966	47,725	50,700	2,991

* Includes 6,232,774 and 3,537,634 pounds held by refining and manufacturing establishments and 4,411,300 and 3,589,480 pounds in transit to refiners and consumers August 1, 1936, and July 31, 1937, respectively.
† Includes 15,100,446 and 13,216,638 pounds held by refiners, brokers, agents, and warehousemen at places other than refineries and manufacturing establishments, and 9,643,060 and 8,134,478 pounds in transit to manufacturers of lard substitute, oleomargarine, soap, etc., August 1, 1936, and July 31, 1937, respectively.
‡ Produced from 1,396,354,518 pounds of crude oil.

Exports and Imports for Eleven Months ended June 30

	1937.	1936.
Exports—		
Oil, crude, pounds	307,772	394,510
Oil, refined, pounds	2,661,266	2,791,632
Cake and meal, tons of 2,000 pounds	4,362	10,390
Linters, running bales	246,087	221,377
Imports—		
Oil, crude, pounds	*23,382,965	13,514,808
Oil, refined, pounds	*170,480,055	114,428,717
Cake and meal, tons of 2,000 pounds	28,908	2,844
Linters, bales of 500 pounds	45,182	†.....

* Amounts for July not included above are 672,000 pounds crude, and 9,940,075 refined, "entered directly for consumption," 204,280 crude and 3,412,125 refined, "withdrawn from warehouse for consumption," and 6,921,777 refined "entered directly into warehouse."
† Not available.

Dividends Reported Since Last Publication

	Stock.	Class.	Amount.	Payable.	Of record.
American Home Products Corp.	.....	M	20c.	Oct. 1	Sept. 14
American I. G. Chemical Corp.	.....	Cl. A	$3.00	Sept. 15	Sept. 10
Anaconda Copper Mining Co.	.....	..	50c.	Sept. 27	Sept. 7
Armour & Co. (Del.)	Pfd.	Q.	$1.75	Oct. 1	Sept. 10
Armour & Co. (Ill.)	7% pfd.	Q.	$1.75	Oct. 1	Sept. 10
Armour & Co. (Ill.)	$6 pfd.	Q.	$1.50	Oct. 1	Sept. 10
Bishop Oil Corp.	.....	..	10c.	Sept. 15	Sept. 1
California Ink Co.	.....	Q.	62½c.	Sept. 30	Sept. 10
Carter (Wm.) Co.	Pfd.	Q.	$1.50	Sept. 15	Sept. 10
Colgate-Palmolive-Peet Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 4
Eastman Kodak Co.	Com.	Q.	$2.00	Oct. 1	Sept. 4
Eastman Kodak Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 4
Falconbridge Nickel Mines, Ltd.	.....	Q.	7½c.	Sept. 30	Sept. 8
Gordon Oil Co.	Cl. B	..	40c.	Sept. 15	Sept. 1
Greene Cananea Copper Co.	.....	Q.	75c.	Sept. 13	Sept. 3
Greene Cananea Copper Co.	.....	Spl.	$1.25	Sept. 13	Sept. 3
Group No. 1 Oil Corp.	.....	..	$50.00	Sept. 30	Sept. 10
Harshaw Chemical Co.	Com.	..	40c.	Sept. 2	Sept. 2
Hercules Powder Co.	Com.	Q.	$1.50	Sept. 25	Sept. 14
International Salt Co.	.....	Q.	37½c.	Oct. 1	Sept. 15
Johns-Manville Corp.	Com.	Q.	75c.	Sept. 24	Sept. 10
Johns-Manville Corp.	Com.	Ext.	75c.	Sept. 24	Sept. 10
Koppers Co.	Pfd.	Q.	$1.50	Oct. 1	Sept. 11
Lindsay Light & Chemical Co.	Pfd.	Q.	17½c.	Sept. 20	Sept. 4
Liquid Carbonic Corp.	.....	Q.	40c.	Sept. 25	Sept. 20
Mathieson Alkali Works	Com.	Q.	37½c.	Sept. 30	Sept. 7
Mathieson Alkali Works	Pfd.	Q.	$1.75	Sept. 30	Sept. 7
Petroleum Corp. of America	.....	..	50c.	Sept. 14	Sept. 3
Pinchin, Johnson & Co.	Ord.	..	7½%	Sept. 24	Aug. 28
Pittsburgh Metallurgical Co.	Com.	Q.	25c.	Sept. 15	Sept. 3
Pittsburgh Plate Glass Co.	.....	..	$1.00	Oct. 1	Sept. 10
Plymouth Oil Co.	.....	..	35c.	Sept. 30	Sept. 8
Pure Oil Co.	5¼% pfd.	Q.	$1.25	Oct. 1	Sept. 10
Pure Oil Co.	$6 pfd.	Q.	$1.50	Oct. 1	Sept. 10
Pure Oil Co.	$8 pfd.	Q.	$2.00	Oct. 1	Sept. 10
Shell Union Co.	Pfd.	Q.	$1.37½	Oct. 1	Sept. 10
Southern Acid & Sulphur Co.	Pfd.	Q.	$1.75	Oct. 1	Sept. 10
South Penn Oil Co.	.....	Q.	37½c.	Sept. 30	Sept. 15
South Penn Oil Co.	.....	Ext.	77½c.	Sept. 30	Sept. 15
St. Joseph Lead Co.	.....	..	50c.	Sept. 20	Sept. 9
Standard Brands, Inc.	Pfd.	Q.	$1.12½	Sept. 15	Sept. 1
Teck-Hughes Gold Mines, Ltd.	.....	..	10c.	Oct. 1	Sept. 10
Teck-Hughes Gold Mines, Ltd.	.....	Ext.	5c.	Oct. 1	Sept. 10
Texas Corp.	.....	Q.	50c.	Oct. 1	Sept. 10
Texas Gulf Sulphur Co.	.....	..	50c.	Sept. 15	Sept. 1
Texon Oil & Land Co.	Com.	Q.	15c.	Sept. 30	Sept. 10
Union Carbide & Carbon Corp.	.....	..	80c.	Oct. 1	Sept. 3
Warren Refining & Chemical Co.	.....	..	7½c.	Sept. 20	Sept. 10
Wiser Oil Co.	Com.	Q.	25c.	Oct. 1	Sept. 11

Evans-Wallower Plan Approved

Directors of the Evans-Wallower Lead Company have approved a plan of reorganization under which assets of the company will be sold to a new Delaware corporation with authorized capital of 380,000 common shares of $5 par. The new company will issue 100,000 of these new shares in exchange for all assets of the present company. Stockholders will meet in East St. Louis September 15 to vote on the plan.

Fitzsimmons Selling for Krebs

Harry S. Fitzsimmons, well known in paint pigment circles, is now covering metropolitan New York for the Krebs Pigment & Color Corporation, with headquarters in Newark, N. J. Mr. Fitzsimmons was formerly on the sales staff of the Grasselli Chemicals Department of E. I. du Pont de Nemours & Co., at Cleveland, and moved East to join the Krebs paint research group at Newport, Del., last March.

Foreign Trade Openings

Correspondence in regard to any of the following foreign trade opportunities should be addressed to the Bureau of Foreign and Domestic Commerce, Washington, or to any district or cooperative branch office of the bureau, and not to this publication. When writing, give the number of the item:—

Borax, Glycerin, Sulphur, and Copper Sulphate:—Agency, La Madeleine, France (3910).

Chlorosulphonic Acid, Toluene, Dichromate of Potash, Phosphotungstic Acid, Phenetidin, Acetophenetidin, and Urea:—Purchase and agency, Shanghai, China (3904).

Cocoa Beans:—Exclusive agency, Shanghai, China (3853).

Cocoa Butter:—Exclusive agency, Shanghai, China (3853).

Colors, Lime Resistant, for Cement Tile:—Agency, Manila, P. I. (3831).

Gas, Bottled:—Agency, Mexico City, Mexico (3825).

Colorings for Cement Tile, Waxes, Polishes, and Solvents:—Purchase and agency, Brussels, Belgium (3903).

Drugs, Chemicals, Pharmaceuticals, Proprietary Medicines, Perfumes, Cosmetics, and Toilet Preparations:—Purchase and agency, Rio de Janeiro, Brazil (3926).

Fertilizers, Agricultural: — Purchase, Paris, France (3911).

Insulating Materials, such as Asbestos, Magnesium, and Cork:—Purchase and agency, Havana, Cuba (3943).

Iron Oxide, Yellow, Red, and Black; and Titanium Dioxide:—Purchase, Vienna, Austria (3902).

Muriatic Acid:—Agency, Havana, Cuba (3852).

Nail Polish:—Exclusive agency, Shanghai, China (3853).

Nicotine Sulphate:—Purchase, Cairo, Egypt (3909).

Oils and Greases:—Agency, Brussels, Belgium (3830).

Oils, Powder Bases, Bismuth, etc. (Raw Materials), for Cosmetics, and Pharmaceuticals:—Purchase or agency, Warsaw, Poland (3937).

Paints and Lacquers:—Purchase, Mexico City Mexico (3829).

Pearl Essence:—Purchase, London, England (3906).

Pharmaceuticals:—Purchase, Rotterdam, Netherlands (3958).

Pharmaceuticals, Advertised and Well Known:—Purchase and agency, Warsaw, Poland (3757).

Pharmaceuticals, and Toilet Preparations:—Agency, Tegucigalpa, Honduras (3953).

Phenols, Cresols, and Carbon Black:—Agency, Shanghai, China (3905).

Rosin, Liquid, and Pine Oil:—Purchase, London, England (3907).

Soaps, Laundry, in 1-pound cakes:—Agency, Panama City, Panama (3948).

Soda Cyanide:—Purchase, Cairo, Egypt (3824).

Sulphuric Acid:—Purchase, Cairo, Egypt (3824).

Sulphuric Acid:—Agency, Havana, Cuba (3852).

Toilet Preparations, Perfumery, and Proprietary Medicines:—Purchase and agency, Cairo, Egypt (3908).

U.S.Revenue: July

Collections of excise taxes by the Bureau of Internal Revenue, Washington, for July, 1937, compared with July, 1936, as follows:—

Taxes Collected

	July 1937.	July 1936.
Chewing gum	$85,654.96	$96,180.97
Crude petroleum processed, etc.	84,695.03	71,481.99
Coconut, etc., oils, processed	2,766,626.45	2,832,167.15
Distilled spirits, domestic, excise tax $2 per gallon	15,298,722.69	17,134,406.79
Distilled spirits, imported, excise tax $2 per gallon	1,874,705.23	1,815,042.17
Distilled spirits, rectification tax, 30c. per proof gal.	567,403.16	647,776.00
Gasoline	19,471,054.93	14,512,178.75
Lubricating oils	4,371,623.50	2,311,106.39
Matches	1,277,036.65	436,987.17
Narcotics, including special taxes	143,318.71	145,258.42
Oleomargarin, excise taxes	73,003.50	71,502.52
Oleomargarin, special taxes	683,904.65	676,156.63
Toilet preparations—		
At 5 percent	394,546.08	486,955.02
At 10 percent	613,379.21	589,483.35
Transportation of oil by pipeline	1,105,461.04	866,406.75
Total internal revenue	$376,073,575.81	$288,326,539.11

Quantities Taxed

	July 1937.	July 1936.
Distilled spirits, domestic, tax gallons	7,633,147	8,567,203
Distilled spirits, imported, tax gallons	937,353	907,521
Distilled spirits, rectified, proof gallons	1,891,344	2,159,252
Oleomargarin, colored, pounds	37,700	45,560
Oleomargarin, uncolored, pounds	27,686,200	26,750,600

Monsanto Chemical Company reports that Thornton Jesdale has been made assistant manager of the company's Chicago district sales office, to succeed M. V. Pennal, resigned. Mr. Jesdale has been associated with the Monsanto company's Chicago office for several years.

London Drug and Oil Data

Stocks of drugs and oils in London public warehouses July 31, 1937, and 1936, and the movement of these goods into and out of such premises during July, this year, were as follows:—

	Landed.	Delivery.	Stocks 1937.	Stocks 1936.
Shellac, orange, cs.	2,423	3,051	141,659	125,621
garnet, cs.	361	317	1,232	1,100
button, cs.	261	393	1,257	1,141
Totals	3,045	3,761	144,148	127,862
Quinine sulphate, lbs.	...	...	...	...
Cinchona bark, South American, cs.	...	...	...	...
bales, etc.	...	...	...	...
East India, Ceylon, and Java, cs.	...	...	...	...
bales, etc.	33	67	281	429
Totals	33	67	281	429
Aloe, cwts.	19	55	334	273
Anise, Star, cwts.	10	128	83	141
Arrowroot, bbls.	450	455	2,421	2,388
boxes and tins	...	...	...	...
Balsam, cwts.	46	132	56	88
Cascara sagrada, tons.	...	2	75	45
Beeswax, pkgs.	1,445	1,249	2,437	2,506
Japan wax, cs., etc.	92	100	204	232
Camphor, pkgs.	65	78	20	359
Cardamom, cwts.	191	229	256	307
Cochineal, bgs.	10	5	53	52
Coculus indicus, bgs.	...	...	...	...
Colombo root, bgs.	60	61	101	97
Cubebs, bgs.	10	12	11	5
Dragon's blood, cs.	9	4	164	183
Nutgalls, China and Japan, cs.	...	...	886	638
Turkey and Persian, bgs.	1	3	234	163
Gum, ammoniac, pkgs.	...	2	38	29
animi, pkgs.	106	18	552	456
copal, pkgs.	3,147	2,846	14,803	19,143
arabic, all descriptions, pkgs.	7,148	1,900	21,474	11,620
asafetida, cwts.	137	1	497	420
benzoin, cwts.	27	69	764	802
dammar, pkgs.	866	1,212	5,729	6,260
gamboge, cwts.	...	12	49	39
guaiac, cwts.	21	5	37	128
elemi, pkgs.	...	...	...	...
kauri, tons, net	121	29	245	121
mastic, pkgs.	30	4	94	4
myrrh, East India, pkgs.	15	7	12	104
olibanum, pkgs.	42	3	264	267
sandarac, pkgs.	141	131	187	159
tragacanth, pkgs.	597	377	3,387	4,996
Ipecac, Mattogrosso, cwts.	35	73	63	244
other sorts, cwts.	5	11	41	
Jalap, cwts.	...	...	21	14
Myrabolans, tons	1	1	2	2
Nux vomica, cwts.	262	43	237	416
Oils, castor, cwts.	300	248	123	104
palm, tons	...	...	...	...
coconut, tons	106	95	25	39
olive, cks., etc.	411	562	1,011	1,070
*anise, cwts.	21	12	17	34
*cassia, cwts.	3	3	16	5
Graphite, tons	35	55	11	25
Rhubarb, Chinese rhapontica, cwts.	280	81	292	233
Saltpeter, tons	...	...	8	2
Soda nitrate, tons	7	464	784	2,119
Sarsaparilla, cwts.	57	23	227	326
Senna, bls.	422	287	2,847	3,800
Sticklac, cs.	775	710	2,679	2,670
Gambier, tons	7	7	5	9
Cutch, tons	5	2	10	5
Turmeric, Bengal, tons	...	...	16	87
Madras, Cochin, etc., tons	24	29	78	189
Total tons	24	29	94	276

* Stocks at certain wharves not included.

Vitamin A by New Process Is Offered

Research studies conducted by the Eastman Kodak Company and General Mills, Inc., have perfected a new method of producing vitamin A from fish-liver oils by a method known as "molecular distillation". The new process, covered by the "Hickman" patent, is said to produce vitamin A in potencies up to 500,000 units per gram.

The new vitamin A will be marketed shortly. It will be distributed by American Research Products, a subsidiary of General Mills, Inc.

I.C.I. to Erect Factories In India for Local Market

LONDON, Aug. 30, 1937.

It is announced that Imperial Chemical Industries (India), Ltd., which has for many years imported industrial chemicals for the Indian market, intends to float an Indian company for the local manufacture of products essential to Indian industrial development. Factories will be erected in the Punjab for the manufacture of soda ash and in Bengal for the manufacture of chlorine and caustic soda. Further plans will be developed thereafter. It is intended that a large proportion of the capital of the new company shall be offered for subscription by the Indian public.

Lo Bue Joins Turner & Co.

Philip J. Lo Bue joined the sales department of Joseph Turner & Co., manufacturers' agent, Ridgefield, N. J., September 1. Mr. Lo Bue was formerly the manager of the New York office of the J. T. Baker Chemical Company. Previous to joining the Baker company in 1929, he became affiliated with Merck & Co., following the merger of that company in 1927 with the Pomers-Weightman-Rosengarten Company, with whom he had been associated since 1917. The Turner company, headed by Walter Merrill, maintains branch offices in Chicago, Providence and New York, the latter office being under the supervision of Charles Hollwedel.

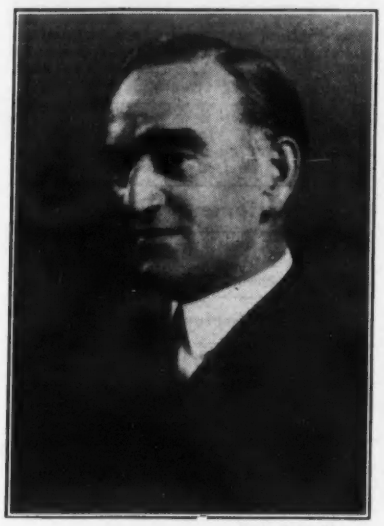
Obituaries

Horace W. Hooker

Horace Willard Hooker, vice-president, treasurer, and director of the Hooker Electrochemical Company, of this city, Niagara Falls, and Tacoma, Wash., died August 30, in his Summer home in Canandaigua, N. Y. He was sixty years old.

Mr. Hooker was born in Rochester, N. Y., the son of Horace B. and Susan Huntington Hooker. He had a long line of Colonial ancestors and was a lineal descendant of Thomas Hooker, one of the founders of Hartford, Conn., who outlined the constitution of that State.

Mr. Hooker attended the Rochester public schools, the Rochester Free Academy, and was graduated from the Rochester University in 1901 with an A.B. degree. Soon after graduation he went to work with the Ampere Electrochemical Company, Niagara Falls, and in 1903 joined the Development & Funding Company of New York, organized by his brother, Elon H. Hooker. The latter later in the same year organized the Hooker Electrochemical Company, at Niagara Falls, and his brother Horace joined in as works superintendent of the new company. He became treasurer in 1904, and vice-president in 1914, remaining in that position continuously until his death. He had been a director most of the time from 1904. He also was vice-president and director of the Niagara Ammonia Company for some years.



Pach Bros. Photo.

Horace W. Hooker

Mr. Hooker was a member of the Chemists Club and India House, this city, and of the Niagara Club and University Club, Niagara Falls. His chief recreations were golf and tennis. He maintained homes in Bronxville and in this city.

Surviving are his wife, Mrs. Ruth Ward Hooker; two daughters, Mrs. Ruth Hooker Svanoe, New Garden, Pa., and Mrs. Jeanette Hooker Payne, this city; two sons, Horace W. Hooker, Lewiston, N. Y., and Kenneth Ward Hooker, Northfield, Minn.; a sister, Mrs. Jeanette Hooker Trimble, Rochester, and three brothers, Elon H. Hooker, president of the Hooker Electrochemical Company; Harry M. Hooker, vice-president and sales manager, and Paul Hooker.

Harry S. Schott

Harry Sayre Schott, vice-president in charge of sales and advertising of the National Carbon Company, a unit of the Union Carbide & Carbon Corporation, died in Mountainside Hospital, Montclair, N. J., August 30, following an operation a week earlier. He was fifty-two years old. Born in East Orange, N. J., Mr. Schott first worked for the Western Electric Company, resigning in 1913 to join the Canadian sales force of the National Carbon Company. He later came to New York and was made vice-president in 1932. Mr. Schott lived in Montclair. Surviving are his wife, Mrs. Agnes Chisholm Schott; his father, C. C. Schott, and two sons, Donald and Kenneth.

Dr. George H. Simmons

Dr. George H. Simmons, editor and general manager emeritus of the *Journal of the American Medical Association*, and for twelve years general secretary of the association, died in St. Luke's Hospital, Chicago, September 1, following an abdominal operation. He was eighty-five years old.

Dr. Simmons was editor of the *Journal* from 1899 to 1924, and of the *American Medical Directory*, the various *Archives* of internal medicine, of neurology and psychiatry, of dermatology and syphilology and of surgery; the *American Journal of Diseases of Children*, a quarterly index of leading medical publications, later succeeded by the *Quarterly Cumulative Index Medicus*, and finally the *Hygeia Health Magazine*, which he founded in 1923 as a monthly for laymen. His bold exposes of quack physicians and drugs kept him under constant attack from offended interests. He stepped down from the editorship of the publications in 1924, then seventy-two years old, but continued as the occasional adviser of his successors.

He was general secretary of the association from 1899 to 1911, and brought about a reorganization of the association to make it more truly representative of the profession throughout the country.

Born in Moreton, England, Dr. Simmons came to this country when eighteen years old. He received degrees of M.D. from the Hahnemann Medical College, Chicago, and the Rush Medical College; an honorary A.M. from Tabor College, and LL.D. from Northwestern University. In 1917 he served as major in the personnel division of the Medical Reserve Corps, and received the Distinguished Service Medal.

Luther W. Copeland, for several years assistant manager of sales for Wadhams Oil Company, Milwaukee, Wis., died in this city, August 28th, after a brief illness. He was thirty-six years old. He formerly was associated with several other oil companies. Surviving are his wife and two sons.

Horace K. Devereaux, mining engineer, who is credited with being the father of polo in Colorado, died at Colorado Springs, August 24. He was seventy-eight years old. He was a graduate of Princeton and was one of its star athletes. Three nephews, Alvin A. Devereaux, Walter Devereaux and William Devereaux of New York, survive him.

Edward J. Farley, salesman for Charles L. Huisking & Co., chemicals and drugs, this city, died on September 7. He was 57 years of age. Mr. Farley had been a member of the Huisking sales organization since 1926 and his work took him throughout the country where his acquaintance was wide. He was connected at one time in a sales capacity with Stanley Jordan & Co., and Thomas L. Curtius & Co. A solemn Requiem Mass will be sung today at the church of Our Lady of Perpetual Help, Ozone Park, L. I. Interment will be in Holy Cross Cemetery. Surviving are his wife, Mrs. Catherin Durkin Farley; a son, the Rev. Edward J. Farley, jr., pastor of St. Mary's Church, East Islip, L. I., and two other children, Walter Howard and Margaret I. Farley.

William Bleckley Gower, comptroller of the United Verde Copper Mining Company until his retirement in 1931, died in Lake Placid, N. Y., August 29, of a cerebral hemorrhage. He was sixty-three years old. He was a native of England and a former associate of the late Senator William A. Clark. His home was in this city and surviving are his wife, a son, and a daughter.

F. Perry Hubbard, president of Rogers & Hubbard Company, fertilizer producer, Middletown, Conn., died, September 2, after an illness of two months. He was the victim of a paralytic stroke.

John F. Riddle of Pueblo, Colo., a graduate of the class 1934 Colorado School of Mines and who was employed by the Humble Oil Company in Venezuela, died there August 28. His mother survives him.

Joseph Sheaff, manager of the New York division of the Patterson, Sargent Company, paint manufacturer died at his summer residence at Asbury Park, N. J., August 23, from heart failure. He was seventy-four years old. Mr. Sheaff had been associated with the Patterson, Sargent Company for over forty years, and was active in the affairs of the company up to the time of his death. A native of Cleveland, Mr. Sheaff was active in the Ohio Society and was a member of the Engineers Club and the Railroad Club.

Richard E. Weber, head of the Medical Tea Company, Brooklyn, N. Y., which was founded by his father, died August 30, in his home in Brooklyn. He was sixty-five years old. Surviving are his wife, Mrs. Louise Weber, and a son, Lieutenant Richard E. Weber, stationed at Fort Myer, Va.

Business Wants and Offers

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

RELIABLE FIRM, 30 years established in Havana, Cuba, would be interested in representing producers of drugs and chemicals in general. K. Ohira, Box 862, Havana, Cuba.

NEW YORK FIRM with branches in principal cities — highest credit standing — selling raw materials to the paint, varnish and lacquer trade and to pharmaceutical and cosmetic firms, seeking additional sales representation. Manufacturing facilities available. BOX 385, Oil, Paint and Drug Reporter.

FIRM with headquarters in Cincinnati and covering Louisville, Dayton and Columbus, would be interested in representing producers of pigments, chemicals or other materials. BOX 395, Oil, Paint and Drug Reporter.

Buildings Offered

CONCRETE BUILDING, 18,000 sq. ft., elevator, steam, excellent light, extra large enclosed yard. Unrestricted district in Brooklyn. Low rent, sale price. The R. L. Kraft Company, Woolworth Building, New York City. COrtlandt 7-9377.

Containers Offered

A JOB of 60 gross, 24-oz. acid, ground stopper bottles. If interested, write National Grocers Sundries Company, No. 9 N. Second street, St. Louis, Mo.

Equipment Offered

FROM THE $10,000,000 Spreckles liquidation—Three No. 4 Vallez rotary filters; 42-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 150 tons valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckles Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

PEBBLE MILLS—One, 4, 30, 70, 900 gallons; 300 gallon rubber lined kettle; hard rubber pump; 600 gallon copper jacketed still. Lawler Engineering Co., Durham avenue and L.V.R.R., Metuchen, N.J.

FOR SALE.—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 384, Oil, Paint and Drug Reporter.

Equipment Offered

GUARANTEED EQUIPMENT—Jar, pebble and ball mills, pony mixers, iron mills; Buhrstone mills, lead and paste mixers; roller mills; pulverizers; filter presses; dryers, glass lined kettles and tanks; vacuum stills; kettles; mixers, pumps. Specialists in hydraulic equipment for the plastic industries. We buy your surplus machinery. Stein Equipment Corp., 426 Broome street, New York City.

FIND WHAT you want right in New York City. Pony mixers, post mixers. Day sifter-mixers, portable mixers, revolvators, jacketed kettles, tanks, three-roller mills, dough mixers. Storms-Harvey Equipment Co., 123 Bleecker street. SPring 7-8955.

FOR SALE.—Two new Bunn bundle-tying machines with ten-inch arms for $195 each; original cost $460 each. BOX 393, Oil, Paint and Drug Reporter.

Equipment Wanted

WANTED—Rebuilt or second-hand 3" or 6" collide mill. BOX 392, Oil, Paint and Drug Reporter.

Factories Offered

CALCIMINE and whiting factory, located on Long Island City waterfront; approximately 75x230; for rent, including machinery; reasonable. Harry I. Stein, 551 Fifth avenue, New York.

Instruction

INDUSTRIAL COURSES — Paints, varnishes, cellulose esters, synthetic resins (factory directions), plastics, dyes, oils, cosmetics, soap, sugar, water treatment, etc., (thirty fields); chemistry, chemical engineering and bacteriology; class or mail. Industrial Consultant, 3404C Baring street, Philadelphia, Pa.

Investment Wanted

CHEMIST, PH.D., Christian, with executive ability and excellent background, desires to invest up to $10,000 with services in growing profitable concern of good standing. No brokers. BOX 400, Oil, Paint and Drug Reporter.

Manufacturing Wanted

PAINT MANUFACTURER with completely equipped plant has capacity in excess of his needs; will consider having other manufacturer use equipment on equitable basis, or we will manufacture for you. Plant located Long Island City. BOX 378, Oil, Paint and Drug Reporter.

Materials Offered

PAINT MANUFACTURERS attention — Unico caulking and putty oils, and paint and varnish remover will enable you to manufacture finest quality putty, caulkings, and paint removers at lowest prices. Ask for details. United Supply Company, 202 S. Stinson street, Baltimore, Md.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City. WAlker 5-4250.

Partnership Wanted

FIRST CLASS paint and varnish maker wants connection as partner with owner of small paint and varnish factory. Makes the best-selling flat white on the market, gloss, enamels, stipples and a full line. BOX 382, Oil, Paint and Drug Reporter.

Plants Offered

FOR SALE—Up-to-date varnish and paint plant in Middle West. Cash or terms to proper parties. BOX 381, Oil, Paint and Drug Reporter.

Positions Vacant

PHARMACEUTICAL SPECIALTY house, high class and internationally-known, has opening for chemist, about 35 years of age, thoroughly experienced in pharmaceutical production, and preferably, who has had experience in handling correspondence with physicians. Excellent future for right man; state full particulars. BOX 386, Oil, Paint and Drug Reporter.

YOUNG MAN with two or three years' experience formulating industrial enamels to act as laboratory assistant. Excellent opportunity for advancement with fast-growing corporation located in Kentucky. Salary $35.00 a week to start. Give full particulars in first letter. BOX 387, Oil, Paint and Drug Reporter.

SALESMAN WANTED for Metropolitan District and Eastern States; thoroughly experienced selling industrial chemicals; knowledge of dry color and drug trades desirable; must have trade following and show results. Give full information. Confidential. BOX 388, Oil, Paint and Drug Reporter.

CHEMICAL PRODUCTS, vegetable oils, fatty acids, wishes services of a young, intelligent man with initiative, to be entrusted with establishing and managing jobbing business in New York. Man must be especially acquainted in import business and have thorough knowledge of means to supply directly big consumers in various industries. Applications to state products handled in the past and what trades supplied; salary desired. BOX 394, Oil, Paint and Drug Reporter.

Positions Wanted

MANUFACTURING PAINT and varnish chemist having four years' thorough work in that industry. BOX 391, Oil, Paint and Drug Reporter.

Positions Wanted

PRACTICAL and technical paint and varnish maker wants position as plant manager or superintendent. Makes a very successful line of white goods, industrial finishes, and general line of paints and varnishes. Good tinter and production man. BOX 383, Oil, Paint and Drug Reporter.

M.I.T. GRADUATE CHEMIST having extended experience in vegetable oils, paints, varnishes and lacquers; also research in metals. BOX 389, Oil, Paint and Drug Reporter.

CHEMIST, B. S., 1933—Three and a half years' experience in food and brewing laboratory. Eight months' research in lecithin. Desires research or control position with progressive concern. Location immaterial. BOX 390, Oil, Paint and Drug Reporter.

LACQUERS and varnishes — graduate chemist now employed in pyroxylin development work. Age 23. Good schooling. Some cost calculating experience. I am looking for a job with a future. BOX 396, Oil, Paint and Drug Reporter.

YOUNG MAN, 37, graduate chemist, American, 15 years' practical experience, 10 years in charge of manufacturing plant producing coal tar products and chemicals, used to handling men, costs, etc. Open for position at moderate salary. BOX 398, Oil, Paint and Drug Reporter.

CHEMIST-SALESMAN—Graduate chemist, 14 years' varied experience in research production and sales in chemical, rubber and paint industries, desires position with future. BOX 399, Oil, Paint and Drug Reporter.

FOODSTUFF CHEMIST, over 10 years' experience, former assistant professor at the Universities of Berlin, Karlsruhe (Germany) wants position as research chemist with concern appreciating extraordinary background and knowledge. BOX 401, Oil, Paint and Drug Reporter.

POSITION WANTED by ChE-ME, experienced in the fermentation of lactic acid from carbohydrates and refining it into crude 22.44% stock; edible 50 and heavy distilled 75, 80, 85% U.S.P. grades. BOX 397, Oil, Paint and Drug Reporter.

Surplus Stock

CHECK INVENTORIES. — Cash for any quantity surplus finished or raw material —chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, wastes and by-products. Entire plants bought. Chemical Service Corp., 233 Fourth avenue, New York, STuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

16—Pebble Mills, porcelain and silex lined, 10 to 1,000 gals., some with roller bearings.
5—Colton Stokes & Mulford Tablet Machines, ⅛" to 2" dia.
2—500 gal. Aluminum Jack. Agit. Kettles.
3—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
5—Day Pony Mixers. 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
1—700 gal. Duriron Jack. Kettles, closed.
2—W. & P. Jack. Mixers, 200 gal., power tilting, sigma blades.
25—Filter Presses, 6" to 42" size.
3—Buffalo 32"x90" Double Drum Atmospheric Dryers.
2—W. & P. Jacketed Mixers, 100 gal., power tilting, heated sigma blades.
9—Devine and Buffalo Vacuum Shelf Dryers, assorted sizes.
8—Copper and Aluminum Jacketed Kettles, 175 to 400 gals.
9—Roller Mills 3x10 up to 16x40.

Miscellaneous; Dryers; Mixers; Filters and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Chilean Nitrate Sales Up 16.7% in 1936-37

(Continued from page 55)

tinued exchange losses from compensation accounts, and (5) materially higher freight rates. The corporation also calls attention to the fact that, while production costs in Chile are rising, sales prices of nitrate abroad are declining.

Production, exports, and sales in 1936-37 compared with those in 1935-36, according to the sales corporation, as follows:—

	Metric tons		
	Production.	Exports.	Sales.
1936-37	1,31v, i76	1,56 ᵃ,294	1,570,596
1935-36	1,218,977	1,382,552	1,346,000

No data on stocks were presented, but fairly accurate records indicated that they were reduced to approximately 1,255,000 tons at the end of the 1936-37 season, having been 1,516,100 tons a year earlier and having shown a steady decline from 2,268,800 tons at June 30, 1933. This year's stocks were divided:—843,500 tons in Chile; 411,500 tons abroad.

Complete information on the distribution of export sales during the past year is not available, but the Superintendent of Nitrate is reported to have compiled the following preliminary comparison with the preceding year:—

	Metric tons	
	1936-37.	1935-36.
United States	630,000	535,000
Egypt	210,000	185,000
Germany	127,000	95,000
France	83,000	60,000
Italy	81,000	40,000
England	40,000	40,000

Botanical Drugs

Spices

(Continued from page 50)

bar. This was in line with the replacement situation and was uninfluenced by local trading, which was light.

Ginger. — African root turned about and advanced late last week, making the spot market 15c. to 15½c. per pound under the influence of an improved demand. Cochin lemon root was also advanced to 15¼c. to 15½c. Medium bold Jamaica was up to 16c. to 16½c., and the bright grinding fetched 14¾c. to 15c. From a nominal position, Japanese rooot was returned to the firm basis of 15½c. to 16c. spot.

Nutmegs. — Fractional advances brought 80's to sell at 17¼c. to 17½c. per pound and West India material to 14¼c. to 14½c. Somewhat more buying was noted.

Peppers.—Black Alleppy was higher at 9½c. to 9¾c. per pound; Lampong, 6⅞c. to 7c.; Japanese chillies, 13½c. to 13¾c.; and bird's-eyes, 15c. to 15¼c. Other peppers lacked quotable change. Most activity took place by grinders covering actual needs through spot purchases.

Trading in black pepper futures on the New York Produce Exchange from August 28 to September 3, inclusive, comprised 82 contracts, a total of 2,755,200 pounds. Following is a price record for the week:—

	Cents per pound in tanks		
	High.	Low.	Close.
March	6.90	6.62	6.60@6.65
May	7.10	6.95	6.68@6.73
July	7.25	6.80	6.84 sale
September	6.76	6.65	6.48@6.60
December	6.78	6.72	6.50@6.59

NOW LIQUIDATING

C. H. BOLEY CO., Philadelphia, Penna.

Devine 4 ft. x 20 ft. Rotary Vacuum Dryer.
Howe 3,000 lb. Batch Mixer.
10—Steel and Lead Lined Mixing Kettles, 200 to 3,750 gallons.
7—Copper Kettles, 30 to 110 gallons.
Send for complete list.

BRILL EQUIPMENT CORPORATION
FORMERLY STEIN-BRILL CORP.
183 Varick St., New York, N. Y.
Mart Building, St. Louis, Mo.

International Nickel Company of Canada has purchased for $250,000 the nickel ore deposit located near Lake Shebandowan, about 600 miles west of Sudbury, Ontario, where the corporation's principal mining properties are located, according to Donald MacAskill, vice-president of the company. Owing to the activities of the company's other mines, it is not likely that the new property will be developed into a producing mine at this time.

Index to Advertisements

Advance Solvents & Chemical Corp.... —
Alexander, Jerome.... 56
Ambassador, The.... —
Amecco Chemicals, Inc.... —
American Agricultural Chemical Co.... 38
American-British Chemical Supplies, Inc. .... —
American Can Co.... —
American Chlorophyll, Inc.... 42
American Cyanamid & Chemical Corp. 10, 11
American Flange & Mfg. Co.... —
American Potash & Chemical Corp.... 46
Anaconda .... —
Anderson-Prichard Oil Corp.... —
Ansbacher-Siegel Corp.... 38
Apex Chemical Co., Inc.... 46
Associated Chemical Eng. Corp.... 56
Atlantic Refining Co.... —

Baker, J. T., Chemical Co.... 44
Barium Reduction Corp.... 1
Barrett Company.... 32, 55
Benckiser, Joh. A.... —
Benzol Products Co.... 46
Binney & Smith Co.... 8
Bradley, A. J., Mfg. Co.... 39
Brill Equipment Corp.... 64
Brode Corp., The.... 42
Bureau of Chemistry.... 56
Bush, W. J., & Co., Inc.... —

Calco Chemical Co.... 65
California Fruit Growers Exchange.... 6
Carbide & Carbon Chemicals Corp.... 2
Carey, The Philip, Co.... —
Carpinello, Michel J., Inc.... 56
Chemical Solvents, C. P., Inc.... 66
Chilean Nitrate Sales Corp.... —
Church & Dwight Co.... 29
Cliff-Dow Chemical Co.... 1
Colledge, E. W., General Sales Agent, Inc. .... —
Colloid Chemical Laboratories.... —
Colton, Arthur, Co.... 39
Columbia Alkali Corp.... —
Columbian Carbon Co.... 8
Commercial Solvents Corp.... 22
Conewango Refining Co.... —
Consolidated Products Co., Inc.... 64
Continental Can Co.... —
Continental Carbon Co.... —
Cooper, Chas., & Co.... —
Cooper, T. G., & Co., Inc.... 41
Crown Can Co.... —

Darling & Co.... —
Deep Rock Oil Corp.... 54
Delta Chemical & Iron Co.... 66
Dewey & Almy Chemical Co.... —
Diamond Alkali Co.... 31
Dodge & Olcott Co.... —
Doggett Stanley, Inc.... —
Dow Chemical Co.... 47
Draper Mfg. Co.... 66
Drury A. C., & Co., Inc.... 49
Dunkel, Paul A., & Co., Inc.... 49
Du Pont de Nemours, E. I., & Co...1, 6, 28

Eagle-Picher Lead Co.... —
Eastmann Kodak Co.... —
Ehrmann, Strauss Co., Inc.... —
Electro-Bleaching Gas Co.... —
Emery Industries, Inc.... —
Eureka Machine Co.... —
Exposition of Chemical Industries, 16th. 21

Falk & Co.... 42
Felton Chemical Co.... 30
Fezandie & Sperrie.... 35
Filtrol Corp.... —
First Machinery Corp.... —
Fluorine Products.... 30
Food Research Laboratories, Inc.... 56
Frank Vliet Co.... —
Franks Chemical Products Co.... —
Fritzsche Bros., Inc.... 41, 51

General American Tank & Storage Terminal 16
General Chemical Co.... —
General Dyestuffs Corp.... —
General Electric Co.... 24
General Plastics, Inc.... 25
Givaudan-Delawanna, Inc.... —
Glyco Products Co.... —
Gray, William S., & Co.... 1
Gray Industrial Laboratories.... 56
Greeff, R. W., & Co., Inc.... 1
Gross, A., & Co.... 41
Gruman, J. B., Co.... 58

Harshaw Chemical Co.... 6
Heekin Can Co.... —
Hercules Powder Co.... —
Heyden Chemical Corp.... 45
Hinde & Dauch Paper Co.... —
Hochstadter Laboratories.... 56
Holt, C. J., & Co., Inc.... 56
Hoover, Geo. W.... 56
Hopkins, J. L., & Co., Inc.... 49
Horn, Jeffreys & Co.... 38
Houston Pipe Line Co.... —
Huber, F., Inc.... 49
Huisking, Chas. L., & Co., Inc.... —
Hutchinson, D. W., & Co., Inc.... 51

Imperial Oil & Gas Products Corp.... —
Imperial Paper & Color Corp.... 39
Independent Mfg. Co.... —
Innis, Speiden & Co.... 66
International Pulp Co.... —
Irvington Smelting & Refining Works.. 29

Jackson, L. N., Co., Inc.... 42
Jefferson Lake Oil Co., Inc.... —
Jones & Laughlin Steel Corp.... 33
Jungmann & Co., Inc.... 29

Kentucky Color & Chemical Co.... 37
Knight, B. H.... 56
Koppers Co.... 33
Koster Keunen.... —
Krebs Pigment & Color Corp.... 14

Laning, E. M., Co., Inc.... 56
La Wall & Harrisson.... 56
Lewis, John D., Inc.... —
Leuders, Geo., & Co.... 51

Magnetic Pigment Co.... 8
Magnus, Mabee & Reynard, Inc.... 51
Mallinckrodt Chemical Works.... —
Malmstrom, N. I., & Co.... 42
Martin, The L., Co.... —
Mathieson Alkali Works, Inc.... —
McCormick & Co., Inc.... 49
McKesson & Robbins, Inc.... 45
Mechling Bros. Chemical Co.... 30
Menhaden Fish Products Co.... —
Merck & Co.... —
Metasap Chemical Co.... 37
Miel, George A.... 56
Minnesota Specialty Co.... 39
Molnar Laboratories.... 56
Monsanto Chemical Co.... —
Murray & Nickell Mfg. Co.... 49
Murray Oil Products Co.... 40
Mutual Chemical Co. of America.... 35

National Aniline & Chemical Co., Inc.... —
National Lead Co.... —
National Milk Sugar Co., Inc.... 46
National Rosin Oil & Size Co.... 39
Neuberg, William, Inc.... 45
Neville Co.... —
New Jersey Zinc Co.... 36
N. Y. Quinine & Chemical Works, Inc.. —
Niacet Chemicals Corp.... 35
Niagara Alkali Co.... 20
Nichols Copper Co.... —
N. V. Potash Export My, Inc.... —

Oldbury Electro-Chemical Co.... —
Orbis Products Corp.... —
Orthmann Laboratories, Inc.... 56
Osborn, C. J., Co.... 37

Pacific Coast Borax Co.... 1
Pacific Vegetable Oil Corp.... —
Parsons, M. W.... 39
Pease Laboratories, Inc.... 56
Penick, S. B., & Co.... 48
Pennsylvania Coal Products Co.... 46
Pennsylvania Refining Co.... 53
Pennsylvania Salt Mfg. Co.... —
Pfaltz & Bauer, Inc.... —
Pfizer, Chas., & Co., Inc.... 27
Polachek, Z. H.... 56
Potash Co. of America.... 56
Pressed Steel Tank Co.... —
Procter & Gamble.... 41, 45
Publicker Commercial Alcohol Co.... —
Purdy, W. S., Co., Inc.... 56
Pure Calcium Products Co.... —

Reilly Tar & Chemical Corp.... —
Rosenthal, H. H., Co., Inc.... —
Ryland, H. C., Inc.... 51

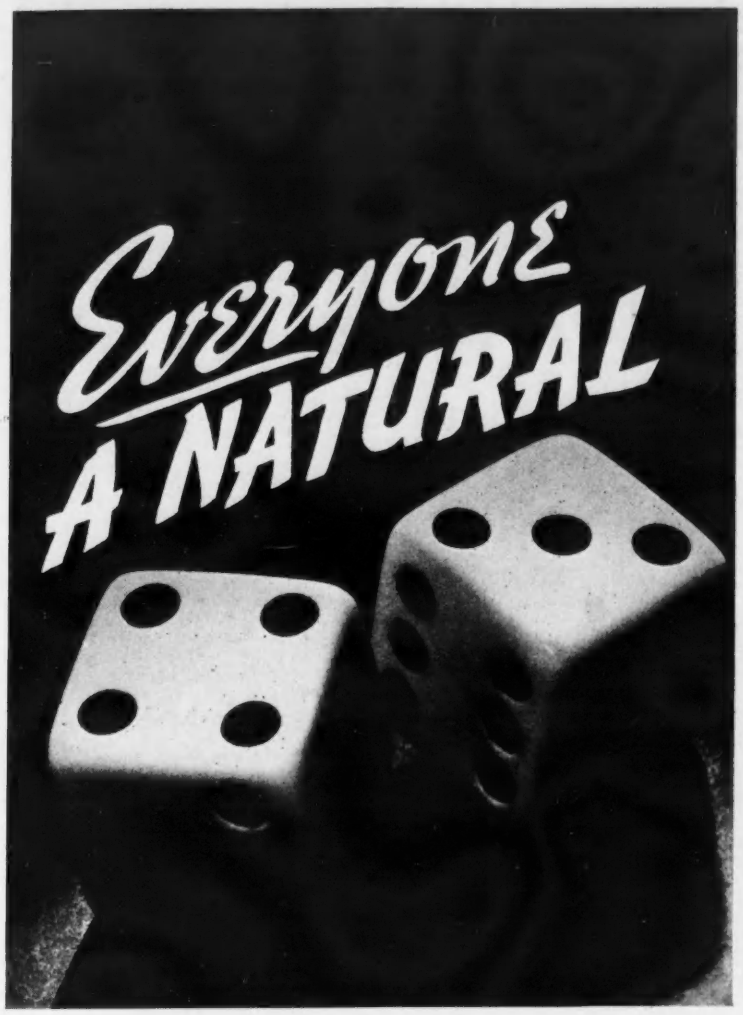
Sadtler, Samuel P., & Sons, Inc.... 56
St. Joseph Lead Co.... —
Schimmel & Co., Inc.... 51
Schofield, Donald Co., Inc.... —
Schwabacher, S., & Co., Inc.... 46
Schwarz Laboratories, Inc.... 56
Scientific Filter Co.... —
Seil, Putt & Rusby, Inc.... 56
Sharples Solvents Corp.... —
Sherka Chemical Co., Inc.... 46
Sherwood Petroleum Co., Inc.... 53
Sievers, Cuno, Inc.... 30
Silzle, Earl, Co.... 51
Smith, Kline & French Laboratories.... —
Snell, Foster D., Inc.... 56
Solvay Sales Corp.... 30
Sonneborn, L., Sons, Inc.... 66
Southern Talc Co.... 37
Southwark Mfg. Co.... —
Staley, A. E. Mfg. Co.... —
Standard Ultramarine Co.... 37
Stauffer Chemical Co.... 29
Stillwell & Gladding.... 56
Stroock & Wittenberg Corp.... —
Sun Oil Co.... —
Sundheimer, Henry, Inc.... 29

Taintor Trading Co.... —
Tamms Silica Co.... —
Tar & Chemical Division of Koppers Co. 33
Tennessee Corp. 30
Texas Gulf Sulphur Co., Inc.... —
Thornton, The F. C., Co., Inc.... —
Thurston & Braidich.... 37
Titanium Pigment Corp.... —
Todd, A. M., Co.... 52
Turner, Joseph & Co.... 29

Union Carbide & Carbon Corp.... 2
United Clay Mines Corp.... 39
U. S. Industrial Alcohol Co.... 17, 18
U. S. Industrial Chemical Co.... 17, 18
U. S. Phosphoric Products Corp.... 29
United States Potash Co.... 55

Vanderbilt, R. T., Co., Inc.... —
Victor Chemical Works.... 30
Viking Distributing Co.... —
Vitab Products, Inc.... —
Vol-U-Meter Co., Inc.... —
Vorce, L. D.... 56

Wecoline Products, Inc.... 42
Weiss & Downs, Inc.... 56
Werk, The M., Co.... 41
White Tar Co., of N. J., Inc.... 33
Wiley & Co., Inc.... 56
Will & Baumer Candle Co.... —
Williams, C. K., & Co.... —
Wishnick-Tumpeer, Inc.... —
Woburn Degreasing Co. of N J.... —
Wolf, Jacques & Co.... 49
Wood Preserving Corp.... 33



● Our complete line of Ultramarine and Cobalt Blues of standard specialized types is a natural for manufacturers of Paint and Printing Inks. In addition, we offer a full range of types for Paper, Rubber, Soap, Linoleum, and Textile Trades. Ask for a free working sample today.

ULTRAMARINE
and
COBALT BLUES

THE ULTRAMARINE COMPANY

SELLING AGENTS
THE CALCO CHEMICAL COMPANY INC.
HELLER & MERZ A DIVISION OF THE CALCO CHEMICAL CO., INC.
BOUND BROOK · NEW JERSEY
NEW YORK · CHICAGO · BOSTON · PHILADELPHIA · CHARLOTTE

METHANOL (all grades) METHYL ACETONE

CHEMICAL SOLVENTS
Incorporated
11 Park Place Telephone BArclay 7-8615-6-7 New York

WHITE OIL and PETROLATUM
FOR ALL PHARMACEUTICAL, COSMETIC and INDUSTRIAL PURPOSES

L. SONNEBORN SONS, INC.
Refiners of White Oil and Petrolatum — Refineries: Petrolia and Franklin, Pa.
New York 88 Lexington Avenue
Los Angeles 215 West 5th Street
Chicago 400 West Madison Street

DELTA
REDISTILLED ACETIC ACID
28%, 56%, 70%, 80%
REFINED METHANOL
95%-97% — Purified — Anti-Freeze
METHYL ACETONE
KETONES
DELTA CHEMICAL AND IRON CO.
WELLS, MICHIGAN

PURE, REFINED
CARNAUBA WAX
direct from the
MANUFACTURERS and REFINERS

Every pound of ISCO Carnauba Wax is produced by us in our modern plant at Jersey City pictured at the right.

Buying from us you deal directly and at first hand with Manufacturers and Refiners.

ISCO Carnauba is Light in color — has melting point of 183/184½° F. — and is as pure as skill and modern equipment can make it.

FLAKE or LUMP FORM

Samples and Analyses submitted on request

ALSO ....

CANDELILLA — Lump or Flake
BEESWAX — Pure Yellow Refined
Pure Yellow Sunbleached
CERESINE — JAPAN and MONTAN WAXES

INNIS, SPEIDEN & Co.
Manufacturers and Importers
117 Liberty Street New York
BOSTON · PHILADELPHIA · CLEVELAND · CHICAGO
GLOVERSVILLE, N. Y.
FACTORIES: JERSEY CITY, N. J., NIAGARA FALLS, N. Y.

DRAPER
STEEL BARRELS and DRUMS

A well earned reputation among the nation's leading shippers

PUT YOUR SHIPPING CONTAINER PROBLEMS UP TO US
WRITE, PHONE OR WIRE

"What the Shipper Puts In the Customer Takes Out"

THE DRAPER MANUFACTURING CO.
CLEVELAND, OHIO

Factory and Main Office
East 91st Street and Crane Ave.
Cleveland, Ohio
Telephone Michigan 2000

Philadelphia Office
514 Atlantic Building, 260 South Broad Street
Philadelphia, Pa.
Telephone Kingsley 9458

New York Office
Room 1511, No. 11 Broadway
New York, N. Y.
Telephone Digby 4-9952

TER